

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

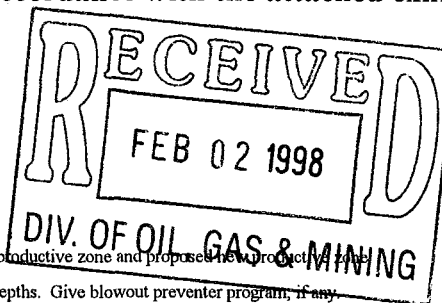
**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-72107</b>
1b. TYPE OF WELL <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>SINGLE</b> <input type="checkbox"/> <b>MULTIPLE</b> <input type="checkbox"/> <b>WELL</b> <input checked="" type="checkbox"/> <b>WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>ZONE</b> <input type="checkbox"/> <b>ZONE</b> <input type="checkbox"/>		6. IF INDIAN, ALOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> <b>Phone: (801) 789-1866</b>		8. FARM OR LEASE NAME <b>S. Wells Draw</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>SE/NW</b> At proposed Prod. Zone <b>1980' FNL &amp; 1980' FWL</b> <b>6041 604</b>		9. WELL NO. <b>#6-10-9-16</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>16.6 Miles southwest of Myton, UT</b>		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1980'</b>	16. NO. OF ACRES IN LEASE <b>560</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 10, T9S, R16E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH <b>6500'</b>	12. County <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5666.9' GR</b>		13. STATE <b>UT</b>
22. APPROX. DATE WORK WILL START* <b>2nd Quarter 1998</b>		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

**Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "G".**

**The Conditions of Approval are attached.**



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u><i>Cheryl Cameron</i></u> TITLE <b>Regulatory Compliance Specialist</b> DATE <b>1/18/98</b>
---

(This space for Federal or State office use)

PERMIT NO. <b>43-013-32041</b>	APPROVAL DATE
--------------------------------	---------------

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

**Federal Approval of this  
Action is Necessary**




APPROVED BY <u><i>Bradley G. Hill</i></u> TITLE <b>BRADLEY G. HILL RECLAMATION SPECIALIST III</b> DATE <b>5/26/98</b>
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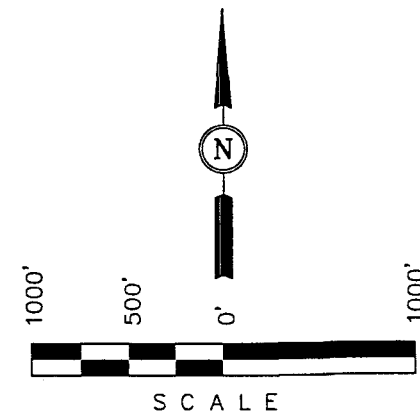
**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INLAND PRODUCTION CO.

### BASIS OF ELEVATION

 = 90° SYMBOL  
 = PROPOSED WELL HEAD.  
 = SECTION CORNERS LOCATED.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

0 BELIEF  
*Robert L. Kay*  
 160, 161, 19  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161519  
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-2-98	DATE DRAWN: 1-12-98
PARTY D.A. J.F. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY  
S. WELLS DRAW #6-10-9-16  
SE/NW SECTION 10, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1610'
Green River	1610'
Wasatch	6500'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1610' – 6500' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "F".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
S. WELLS DRAW #6-10-9-16  
SE/NW SECTION 10, T9S, R16E  
DUCHESENE COUNTY, UTAH**

**CONSISTORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site S. Wells Draw # 6-10-9-16 located in the SE 1/4 NW 1/4 Section 10, T9S, R16E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southerly along this road 6.3 miles  $\pm$  to its junction with a dirt road to the southeast; continue southeasterly 1.6 miles to its junction with a dirt road; continue an additional 2.3 miles to its junction with a dirt road to the southwest; proceed southwesterly 0.9 miles to its junction with a dirt road; continue southwesterly 1.6 miles to its junction with a dirt road to the west; proceed westerly 2.4 miles to the beginning of the proposed access road.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. SOURCE OF CONSTRUCTION MATERIALS**

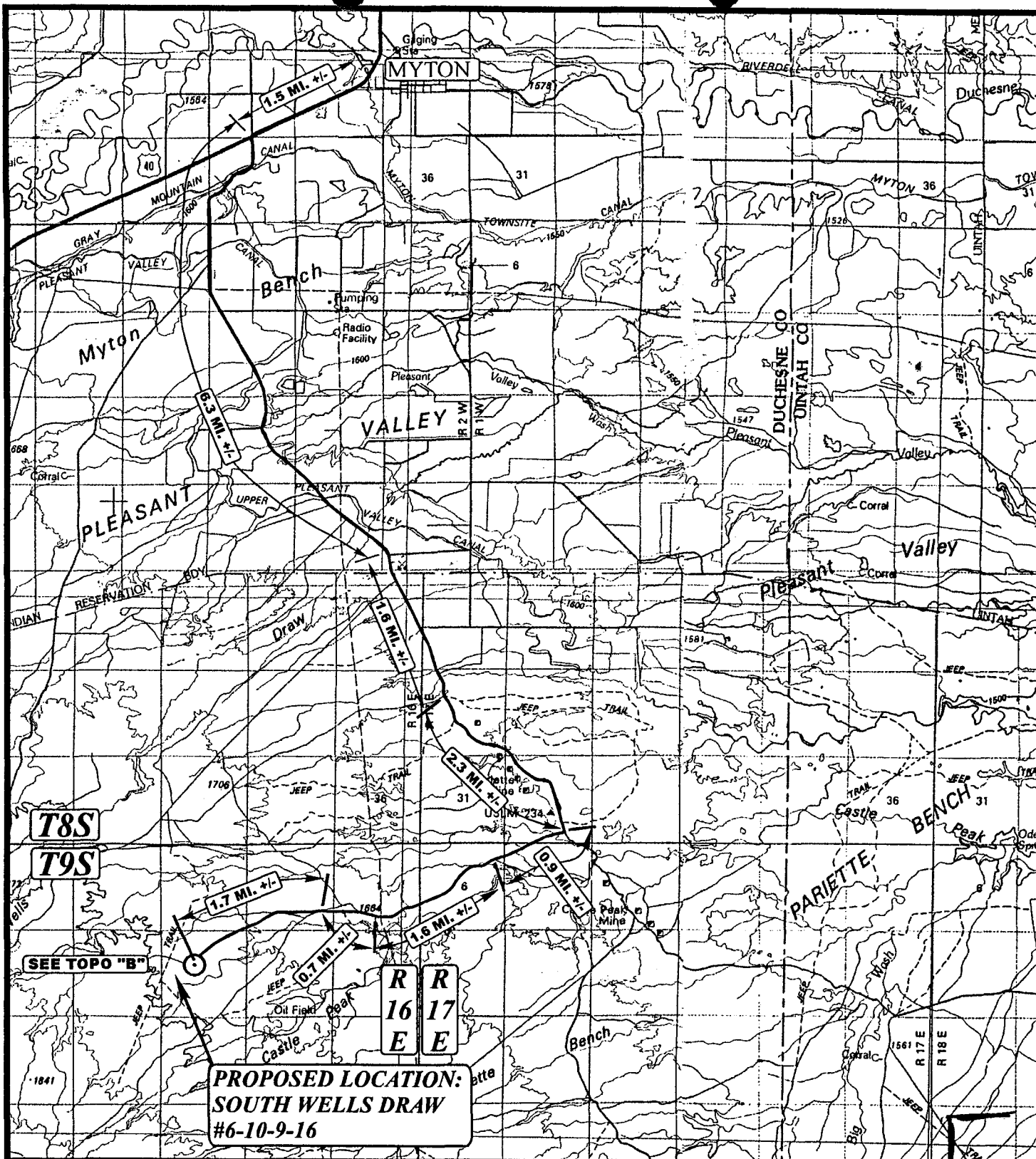
Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP. See Exhibit "E".

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.



# LEGEND:

○ PROPOSED LOCATION

## INLAND PRODUCTION CO.

SOUTH WELLS DRAW #6-10-9-16  
SECTION 10, T9S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

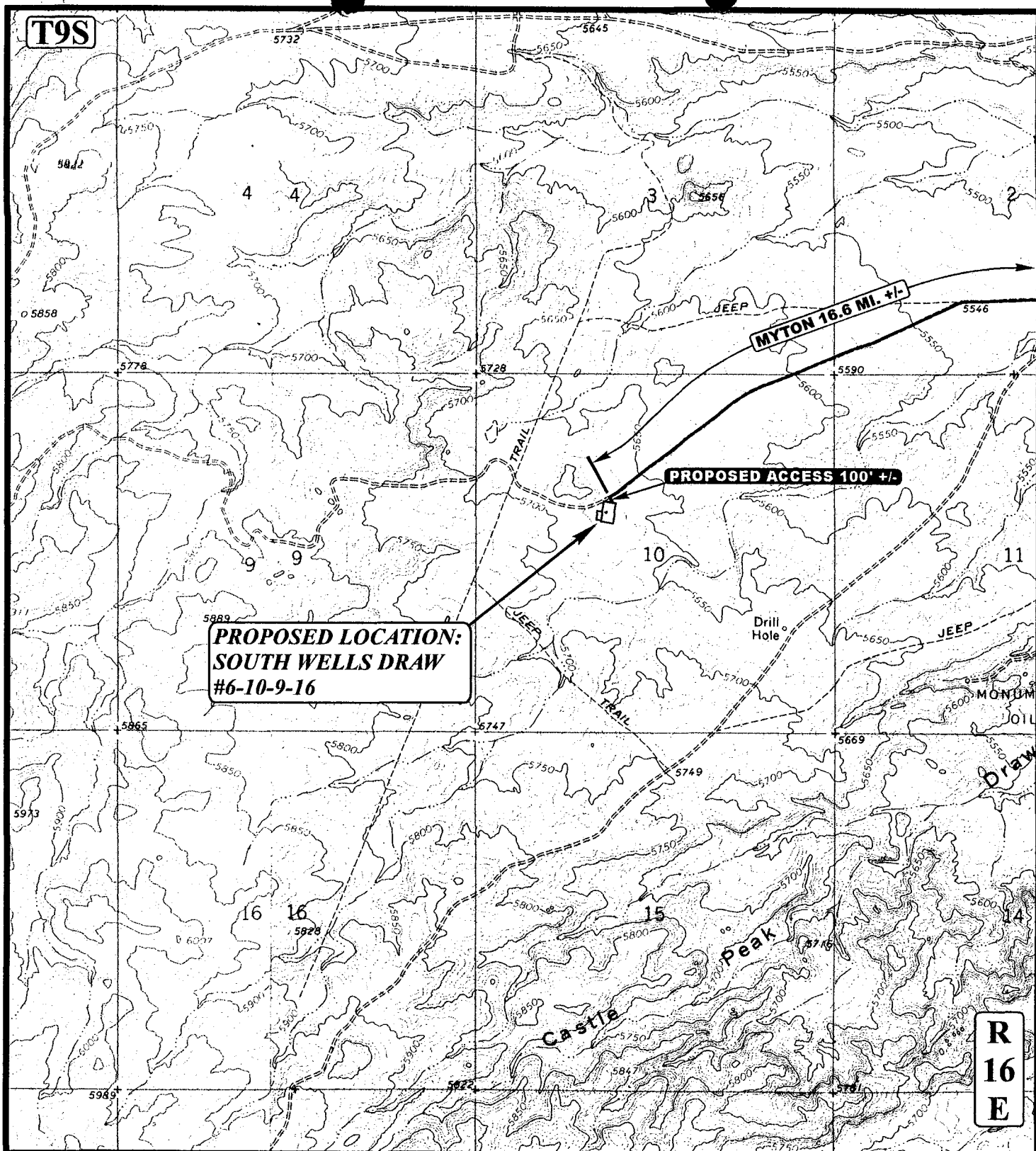


TOPOGRAPHIC  
MAP

1 13 98  
MONTH DAY YEAR

SCALE: 1 : 100,000 DRAWN BY: D.COX REVISED: 00-00-00

A  
TOPO



# **LEGEND:**

--- PROPOSED ACCESS ROAD  
 --- EXISTING ROAD



**INLAND PRODUCTION CO.**

**SOUTH WELLS DRAW #6-10-9-16**  
**SECTION 10, T9S, R16E, S.L.B.&M.**  
**1980' FNL 1980' FWL**



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 85 South 200 East Vernal, Utah 84078  
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**TOPOGRAPHIC**  
**MAP**

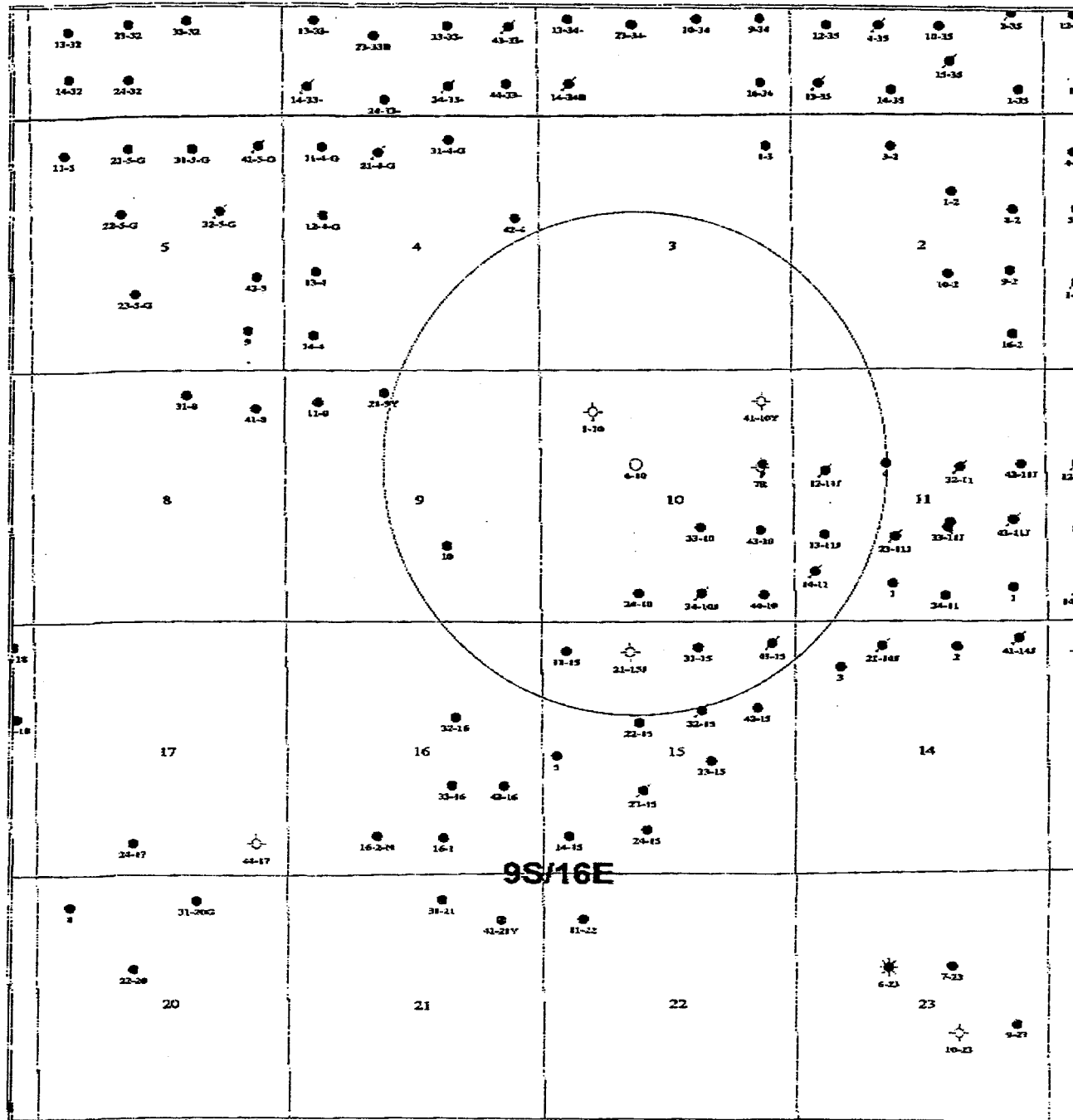
**1 13 98**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00

**B**  
**TOPO**



+



INLAND PRODUCTION COMPANY		
ONE MILE RADIUS South Wells Draw #6-10		
Leak Address	State: 1-0824, 53	1990



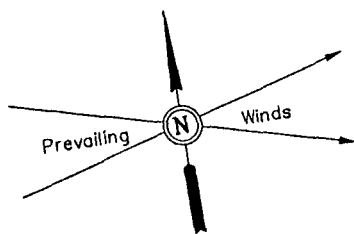
## INLAND PRODUCTION CO.

## LOCATION LAYOUT FOR

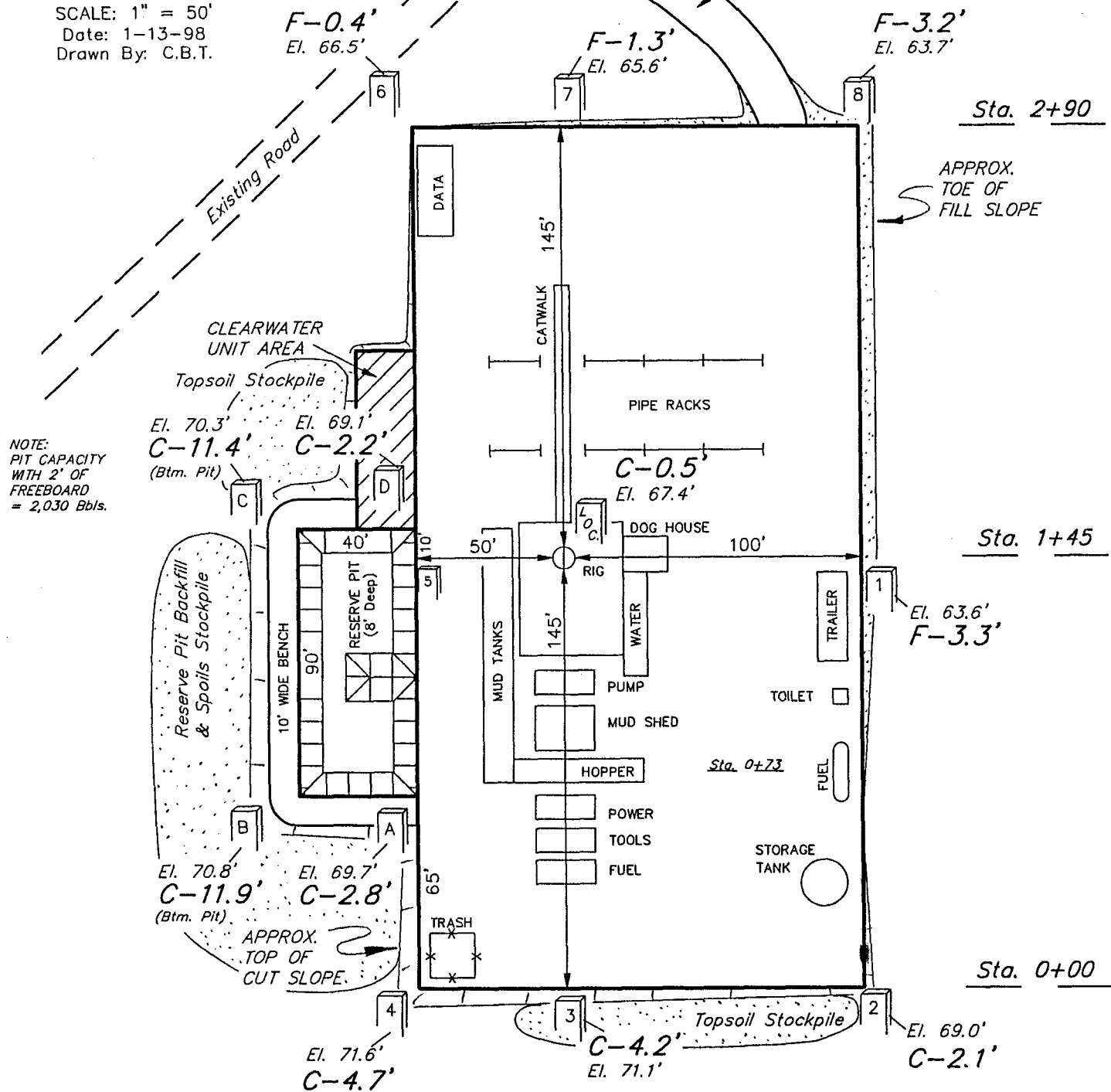
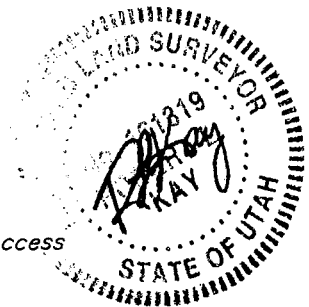
SOUTH WELLS DRAW #6-10-9-16

SECTION 10, T9S, R16E, S.L.B.&amp;M.

1980' FNL 1980' FWL



SCALE: 1" = 50'  
 Date: 1-13-98  
 Drawn By: C.B.T.



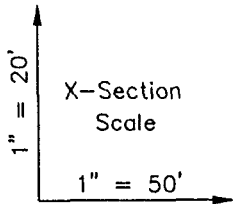
## INLAND PRODUCTION CO.

## TYPICAL CROSS SECTIONS FOR

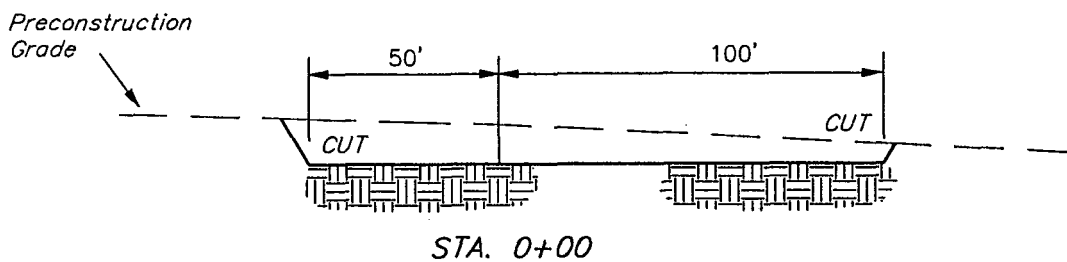
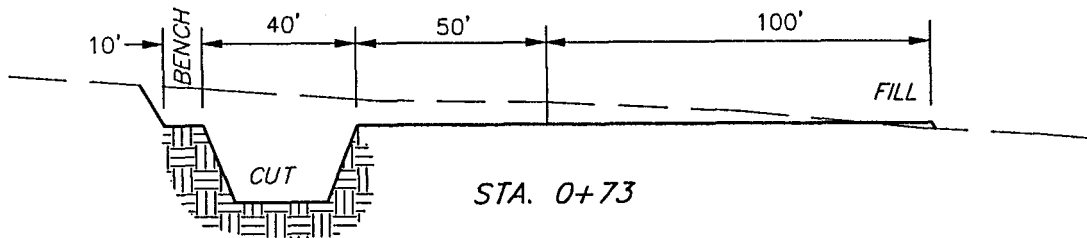
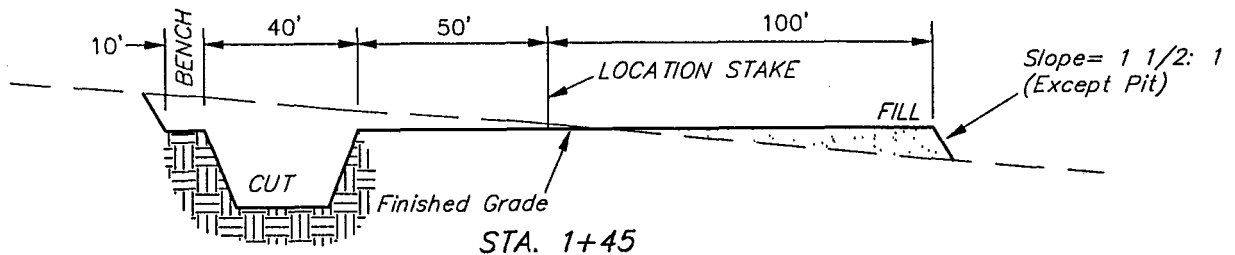
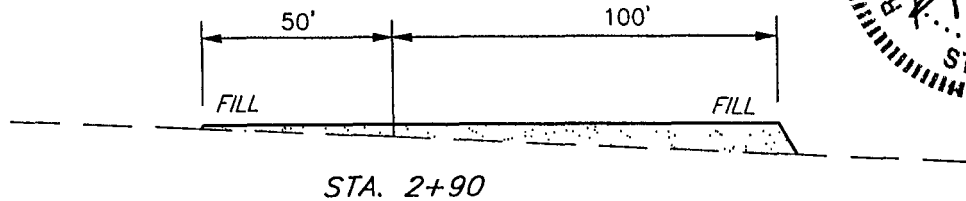
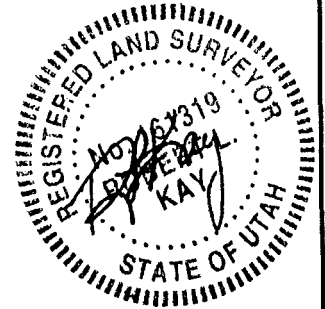
SOUTH WELLS DRAW #6-10-9-16

SECTION 10, T9S, R16E, S.L.B.&amp;M.

1980' FNL 1980' FWL



Date: 1-13-98  
Drawn By: C.B.T.



## NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE YARDAGES

## CUT

(6") Topsoil Stripping = 870 Cu. Yds.

Remaining Location = 2,540 Cu. Yds.

TOTAL CUT = 3,410 CU.YDS.

FILL = 1,610 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION

= 1,720 Cu. Yds.

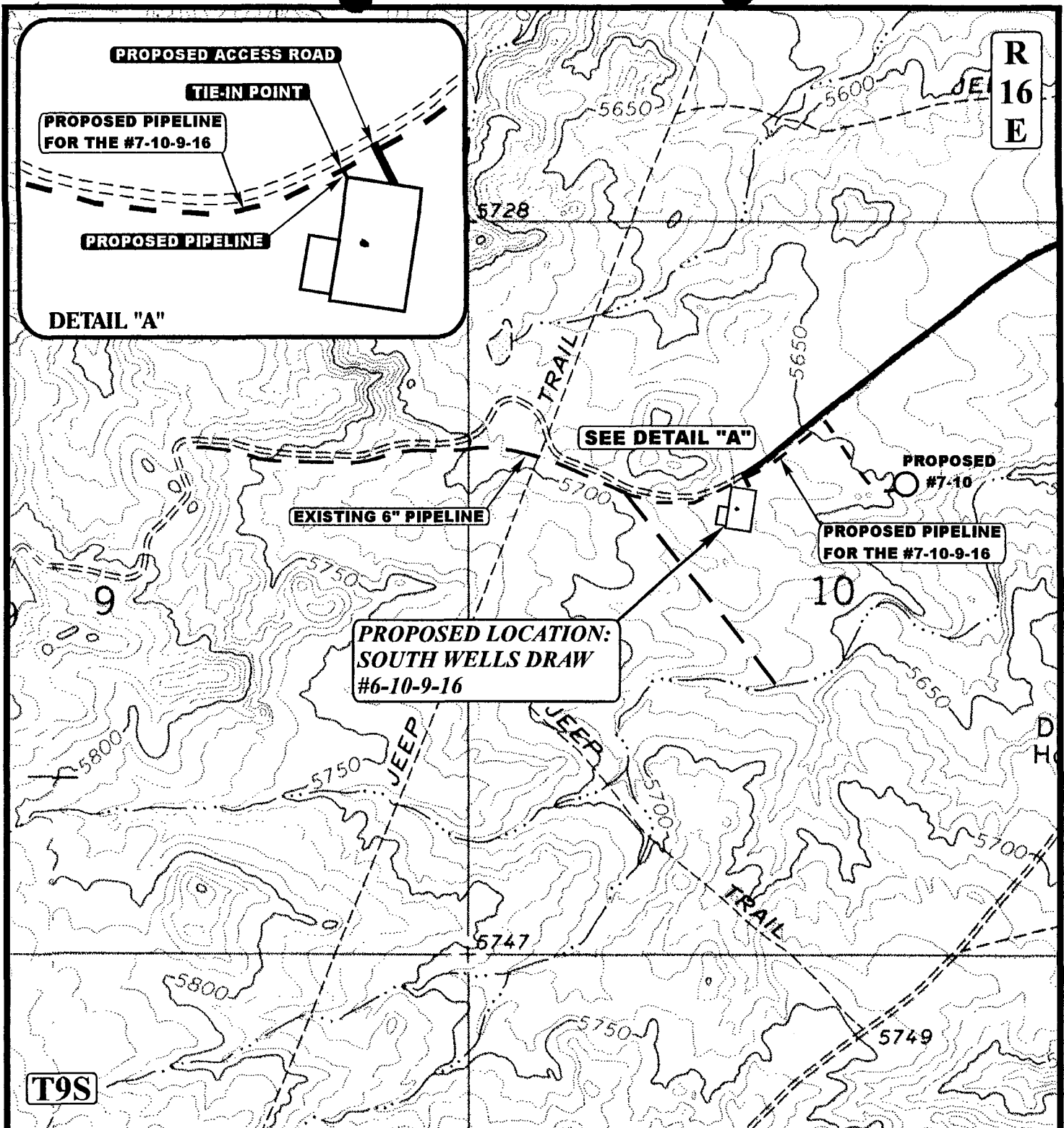
Topsoil & Pit Backfill  
(1/2 Pit Vol.)

= 1,200 Cu. Yds.

EXCESS MATERIAL After  
Reserve Pit is Backfilled &  
Topsoil is Re-distributed

= 520 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



**APPROXIMATE TOTAL PIPELINE DISTANCE = 15' +/-**

**LEGEND:**

- — — — — EXISTING PIPELINE
- - - - - PROPOSED PIPELINE
- — — — — PROPOSED ACCESS



**INLAND PRODUCTION CO.**

**SOUTH WELLS DRAW #6-10-9-16**

**SECTION 10, T9S, R16E, S.L.B.&M.**

**1980' FNL 1980' FWL**



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**TOPOGRAPHIC  
MAP**

**1 13 98**  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: D.COX REVISED: 00-00-00



Well No.: South Wells Draw 6-10-9-16

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: South Wells Draw 6-10-9-16

API Number:

Lease Number: UTU-72107

Location: SENW Sec. 10, T9S, R16E

**GENERAL**

Access pad from NE, off of existing road to N.

**CULTURAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**PALEONTOLOGICAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**WILDLIFE AND FISHERIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

## **THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61*.

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

**OTHER**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/02/98

API NO. ASSIGNED: 43-013-32041

WELL NAME: S. WELLS DRAW 6-10-9-16  
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SENW 10 - T09S - R16E  
SURFACE: 1980-FNL-1980-FWL  
BOTTOM: 1980-FNL-1980-FWL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: UTU - 72107

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

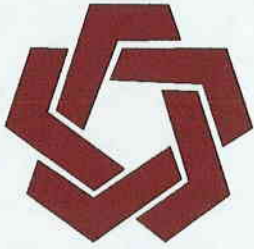
☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(Number 4488944)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number GILSONITE STATE 7-32)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
\_\_\_ Drilling Unit.  
\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: ① FEDERAL APPROVAL



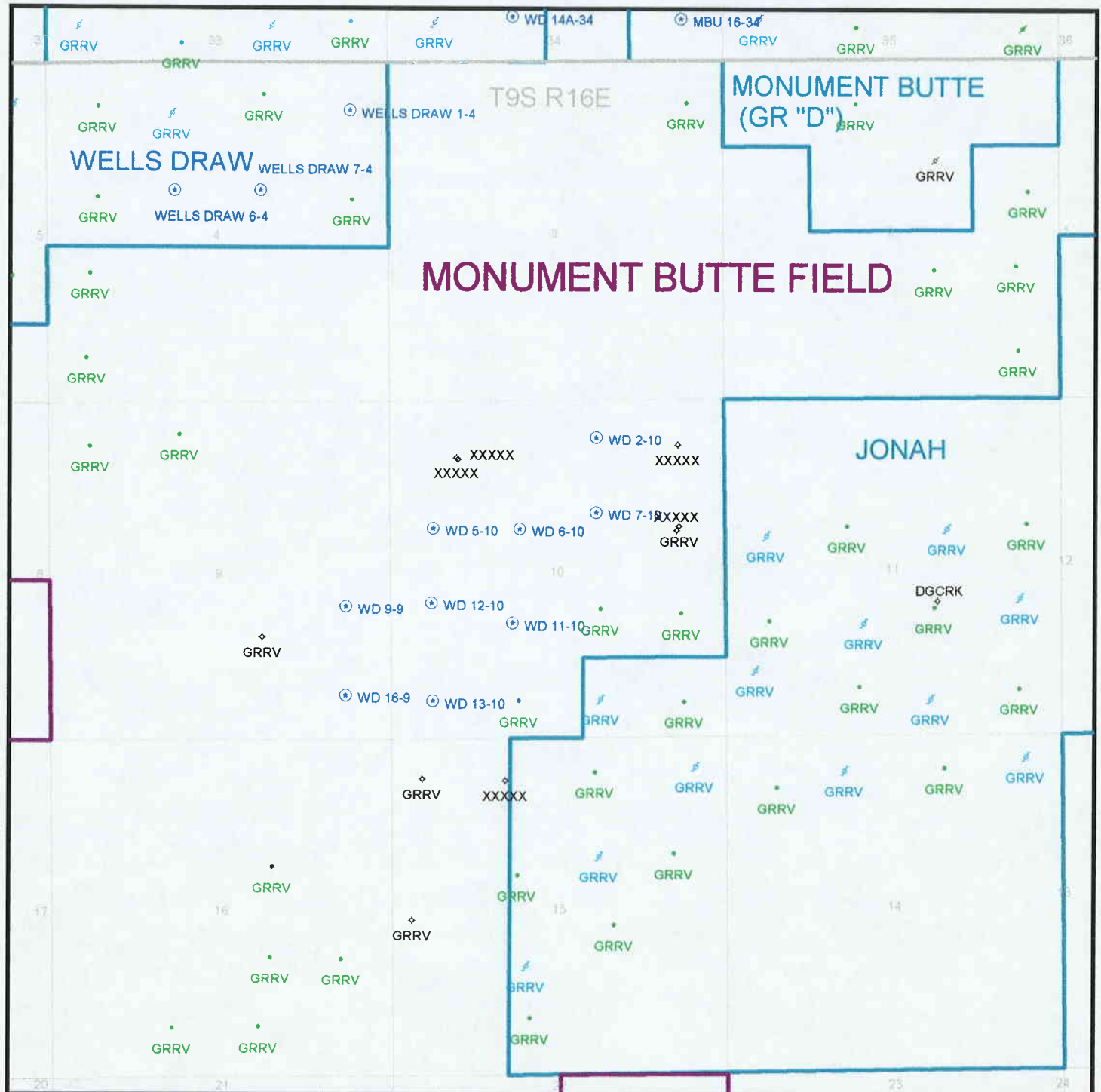
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. TWP. RNG.: SEC. 9 & 10, T9S, R16E

COUNTY: DUCHESNE UAC: R649-3-2 STATE SPACING



DATE PREPARED:  
4-FEB-1998

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

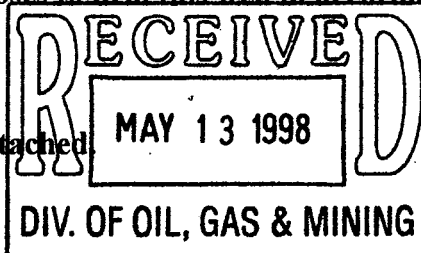
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-72107</b>
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> Phone: <b>(801) 789-1866</b>		8. FARM OR LEASE NAME <b>S. Wells Draw</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>SE/NW</b> At proposed Prod. Zone <b>1980' FNL &amp; 1980' FWL</b>		9. WELL NO. <b>#6-10-9-16</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>16.6 Miles southwest of Myton, UT</b>		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>1980'</b>	16. NO. OF ACRES IN LEASE <b>560</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 10, T9S, R16E</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>6500'</b>	12. County <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5666.9' GR</b>		13. STATE <b>UT</b>
22. APPROX. DATE WORK WILL START* <b>2nd Quarter 1998</b>		

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

**Inland Production Company proposes to drill this well in accordance with the attached exhibits, "A" through "G".**

**The Conditions of Approval are attached.**



**RECEIVED  
JAN 27 1998**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. **Regulatory**  
SIGNED *Cheryl Cameron* TITLE **Compliance Specialist** DATE **1/18/98**  
**Cheryl Cameron**

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Thomas R. Clancy* TITLE **Assistant Field Manager Mineral Resources** DATE **5/11/98**

**NOTICE OF APPROVAL**

**CONDITIONS OF APPROVAL ATTACHED**

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: 6-10-9-16

API Number: 43-013-32041

Lease Number: U-72107

Location: SENW Sec. 10 T. 09S R. 16E

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Drilling Operations

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water identified at  $\pm$  2122 ft.

## **SURFACE USE PROGRAM**

### **Location Reclamation**

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit and for final reclamation: (All poundages are in Pure Live Seed)

needle and thread	Stipa comata	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
western wheatgrass	Agropyron smithii	2 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by as shown on the cut sheet to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

At the time of final abandonment the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately. If the previously reclaimed surface of the reserve pit needs additional contouring, the topsoil over the pit will be scraped off and then used as additional topsoil for final reclamation.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

May 26, 1998

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

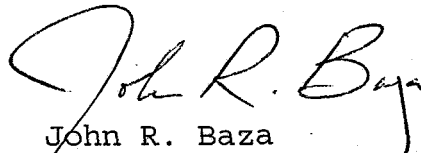
Re: S. Wells Draw 6-10-9-16 Well, 1980' FNL, 1980' FWL, SE NW,  
Sec. 10, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32041.

Sincerely,

  
John R. Baza  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: S. Wells Draw 6-10-9-16  
API Number: 43-013-32041  
Lease: UTU-72107  
Location: SE NW Sec. 10 T. 9 S. R. 16 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours prior to spudding the well or commencing drilling operations. Contact Jim Thompson at (801) 538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: SOUTH WELLS DRAW 6-10-9-16

Api No. 43-013-32041

Section 10 Township 9S Range 16E County DUCHESNE

Drilling Contractor

Rig #

SPUDDED:

Date 6/8/98

Time

How DRY HOLE

Drilling will commence

Reported by MIKE WARD

Telephone #

Date: 6/15/98 Signed: JLT

✓

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 10, T09S R16E**

5. Lease Designation and Serial No.

**UTU-72107**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**S. WELLS DRAW 6-10-9-16**

9. API Well No.

**43-013-32041**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

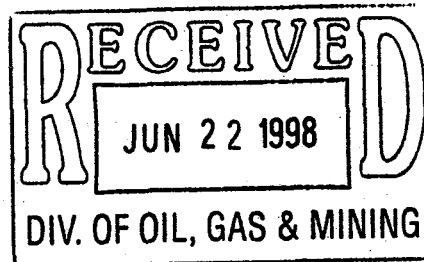
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Surface Spud

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MIRU ZCM. Drl 12-1/4" sfc hole to 130'. C&C. SPUD WELL @ 3:00 PM, 6/5/98. Drl 130' - 320'. C&C. Hole tight, clean hole w/water. LD DP. Run 8-5/8" GS, 7 jt 8-5/8" 24# J-55 ST&C csg (297.86'). RU BJ. Washed dn 8' csg. Csg set @ 298.53'. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/120 sx Class G, 2% CaCl2, 2% gel, 1/4#/sk Cello Flake (14.8 ppg, 1.35 cf/sk yield). Had 4 good bbl cmt returns. RD BJ. Drl RH & MH. RDMOL.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

6/18/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-72107**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**S. WELLS DRAW 6-10-9-16**

9. API Well No.

**43-013-32041**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 10, T09S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly Status**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 6/11/98 - 6/17/98**

Drilled 7-7/8" hole w/Big A, Rig #46 from 3435' - 5850'.

Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 135 jt 5-1/2", 15.5#, J-55, LT & C csg (5816'). Csg Set @ 5828'. RD Casers. RU BJ. C&C. Pmp 20 bl mud flush & 20 bbl gel. Cmt w/340 sx Premium Lite w/.5% SM, 10% gel, 3#/sk CSE, 2#/sk Kol Seal, 1/4#/sk Cello Flake (11.0 ppg 3.42 cf/sk yield) & 410 sx 50-50 Poz w/2% gel & 10% salt (14.1 ppg 1.35 cf/sk yield). Good returns until POB w/1770 psi, 3:15 pm, 6/15/98. No dye to sfc. RD. ND BOP's. Set slips w/80,000#, dump & clean pits. RD. Rig released @ 7:15 pm, 6/13/98. RDMOL.

14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

6/25/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-72107**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**S. WELLS DRAW 6-10-9-16**

9. API Well No.

**43-013-32041**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 10, T09S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Weekly Status

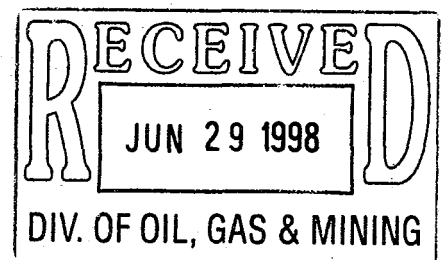
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 6/4/98 - 6/10/98**

MIRU. NU BOP's. Test BOP's. PU BHA & GIH. Drl plug, cmt & GS. Spud rotary rig @ 6:30 pm, 6/8/98.  
Drl 320' - 3435'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

6/24/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6



OPERATOR Inland Production Company  
ADDRESS 410 17th St., Suite 700  
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	12414	99999	43-013-32042	S. Wells Draw 7-10-9-16	SW/NE	10	09S	16E	Duchesne	5/12/98	
WELL 1 COMMENTS: Spud well w/ ZCM Drilling @ 4:45 pm, 5/12/98. Entity added 7-14-98. Lec											
A	12415	99999	43-013-34447	S. Wells Draw 2-10-9-16	SW/NE	10	09S	16E	Duchesne	5/16/98	
WELL 2 COMMENTS: Spud well w/ ZCM Drilling @ 2:30 pm, 5/16/98. Entity added 7-14-98. Lec											
B	11880	99999	43-013-31579	Beluga 15-7-9-17	SW/SE	7	09S	17E	Duchesne	5/18/98	
WELL 3 COMMENTS: Spud well w/ Union, Rig #7 @ 12:00 pm, 5/18/98. Beluga Unit Entity added 7-14-98. Lec											
B	11880	99999	43-013-32048	Beluga 10-7-9-17	SW/SE	7	09S	17E	Duchesne	5/25/98	
WELL 4 COMMENTS: Spud well w/ Union, Rig #7 @ 11:00 am, 5/25/98. Beluga Unit Entity added 7-14-98. Lec											
A	12416	99999	43-013-32043	S. Wells Draw 9-9-9-16	SW/SE	9	09S	16E	Duchesne	5/20/98	
WELL 5 COMMENTS: Spud well w/ ZCM Drilling @ 7:30 am, 5/20/98. Entity added 7-14-98. Lec											

FROM CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.  
(3/89)

Shannen Smith  
Signature

Engineering Secretary 04/02/98  
Title Date

Phone No. (303) 382-4441

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 8

RECEIVED  
JUL 14 1998

OPERATOR Inland Production Company  
ADDRESS 410 17th St., Suite 700  
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

No. 5008

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11880	99999	43-013-32049	Beluga 14-7-9-17	SE/SW	7	09S	17E	Duchesne	6/1/98	
WELL 1 COMMENTS: Spud well w/ Union #7 @ 1:00 pm, 6/1/98. Beluga Unit Entity added 7-14-98. Lec											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
A	12412	99999	43-047-33077	ODEKIRK SPRING 2-36-8-17	NW/NE	36	08S	17E	Uintah	6/8/98	
WELL 2 COMMENTS: Spud well w/ Union #7 @ 1:30 pm, 6/8/98. Entity added 7-14-98. Lec											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
A	12413	99999	43-013-32041	S. WELLS DRAW 6-10-9-16	SE/NW	10	09S	16E	Duchesne	6/5/98	
WELL 3 COMMENTS: Spud well @ 3:00 pm, 6/5/98 w/ zcm Drilling. Entity added 7-14-98. Lec											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
B	12391	99999	43-013-32062	TAR SANDS FED. 4-29-8-17	NW/NW	29	08S	17E	Duchesne	6/8/98	
WELL 4 COMMENTS: Spud well w/ zcm Drilling @ 3:00 pm, 6/8/98. Greater Boundary (GR) Unit Entity added 7-14-98. Lec											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
B	12391	99999	43-013-32064	TAR SANDS FED 2-29-8-17	NW/NE	29	08S	17E	Duchesne	6/11/98	
WELL 5 COMMENTS: Spud well w/ zcm Drilling @ 10:00 am, 6/11/98. Greater Boundary (GR) Unit Entity added 7-14-98. Lec											

INLAND RESOURCES  
JUN. 25. 1998 10:27 AM

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature

Engineering Secretary 04/02/98  
Title Date

JUL-14-98 10:03:18 AM INLAND RESOURCES INC FAX NO. 435/229149 P. 03/03

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-72107**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**S. WELLS DRAW 6-10-9-16**

9. API Well No.

**43-013-32041**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well



Oil  
Well



Gas  
Well



Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL**

**SE/NW Section 10, T09S R16E**

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**



Notice of Intent



Subsequent Report



Final Abandonment Notice



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other Weekly Status



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

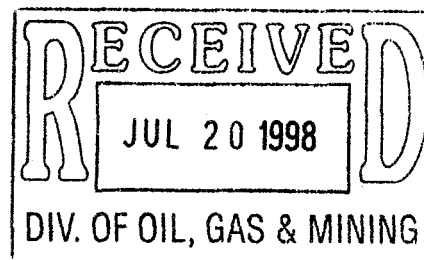
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 7/2/98 - 7/8/98**

Perf A sds @ 5175-82', 5204-06', 5208-10' & 5332-35'.

Perf C sds @ 4895-99' & 4901-11'.

Perf GB sds @ 4234-37', 4239-43', 4245-48' & 4259-63'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

7/15/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FWL SE/NW Section 10, T09S R16E**

5. Lease Designation and Serial No.

**UTU-72107**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**S. WELLS DRAW 6-10-9-16**

9. API Well No.

**43-013-32041**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
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☐ Altering Casing  
☒ Other Weekly Status

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

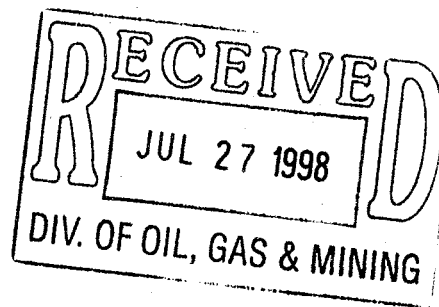
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 7/9/98 - 7/15/98**

Trip production tbg. Swab well.

Place well on production @ 3:00 pm, 7/13/98.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

7/22/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

RECEIVED  
FORM 316024  
July 1992  
APR 23 1999  
DIV OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DATE\*  
(See instructions on reverse side)  
FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK  
OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_  
1b. TYPE OF WELL  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_  
2. NAME OF OPERATOR  
INLAND RESOURCES INC.  
3. ADDRESS AND TELEPHONE NO.  
410 17th St. Suite 700 Denver, CO 80202  
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
At Surface  
SE/NW  
At top prod. Interval reported below 1980 FNL 1980 FWL  
At total depth  
14. PERMIT NO. 43-013-32041 DATE ISSUED 5/11/1998  
12. COUNTY OR PARISH DUCHESNE 13. STATE UT  
15. DATE SPUDDED 6/5/98 16. DATE T.D. REACHED 6/13/98 17. DATE COMPL. (Ready to prod.) 7/13/98 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5679' KB 5667' GL 19. ELEV. CASINGHEAD  
20. TOTAL DEPTH, MD & TVD 5850' 21. PLUG BACK T.D., MD & TVD 5765' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY -----> X ROTARY TOOLS CABLE TOOLS  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River 4234' - 5335'  
25. WAS DIRECTIONAL SURVEY MADE No  
26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIGL/SP/GR/CAL - CN/CD/GR 4-23-99 27. WAS WELL CORED No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	298'	12-1/4	120 sx Class "G"	
5-1/2	15.5#	5828'	7-7/8	340 sx Premium Lite Modified	
				410 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @ 5312'	TA @ 5152'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
A 5175'-82', 5204-06', 5208-10' 5332-35'	4 SPF	56 Holes		5175' - 5335'	115,110# 20/40 sd in 560 bbls Viking I-25
C 4895-99', 4901-11', (See Page Two, Sec. 37)	4 SPF	88 Holes		4895' - 4911'	107,835# 20/40 sd in 546 bbls Viking I-25

33.\* PRODUCTION  
DATE FIRST PRODUCTION 7/13/98 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2 x 1-1/2 x 16' RHAC Pump WELL STATUS (Producing or shut-in) Producing  
DATE OF TEST 10 day ave HOURS TESTED 7/1/98 CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. 80 GAS--MCF. 116 WATER--BBL. 3 GAS-OIL RATIO 1.45  
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL--BBL. GAS--MCF. WATER--BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Logs In Item #26  
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Shannon Smith TITLE Engineering Secretary DATE 4/15/99

\*(See Instructions and Spaces for Additional Data on Reverse Side)  
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3703'		<u>GB</u> 4234-37', 4239-43', 4245-48' & 4259-63' 4 SPF 56 HOLES 4234' - 4263' 105,040# 20/40 sd in 510 bbls Viking I-25			
Garden Gulch 2	4025'					
Point 3 Mkr	4277'					
X Mkr	4545'					
Y-Mkr	4582'					
Douglas Creek Mkr	4704'					
BiCarbonate Mkr	4943'					
B Limestone Mkr	5063'					
Castle Peak	5569'					
Basal Carbonate	NDE					
Total Depth	5850'					



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

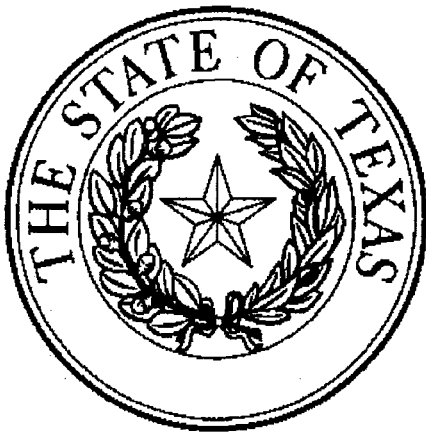
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State



ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

<b>UTSL-</b>	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
<b>UTU-</b>	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: (New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**CA No.****Unit:****SOUTH WELLS DRAW (GR)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 15-34-8-16	34	080S	160E	4301331670	13269	Federal	WI	A
CASTLE PEAK 1-3	03	090S	160E	4301330639	13269	Federal	WI	A
S WELLS DRAW 4-3-9-16	03	090S	160E	4301332096	13269	Federal	OW	P
BALCRON MON FED 14-4	04	090S	160E	4301331666	13269	Federal	WI	A
MON FED 13-4-9-16	04	090S	160E	4301331716	13269	Federal	OW	P
CASTLE PEAK 9R	05	090S	160E	4301315787	99998	Federal	NA	PA
MON FED 41-8-9-16	08	090S	160E	4301331619	13269	Federal	WI	A
MON FED 31-8-9-16	08	090S	160E	4301331721	13269	Federal	OW	P
FEDERAL 21-9Y	09	090S	160E	4301331396	13269	Federal	WI	A
MON FED 11-9-9-16	09	090S	160E	4301331618	13269	Federal	OW	P
S WELLS DRAW 9-9-9-16	09	090S	160E	4301332043	13269	Federal	WI	A
S WELLS DRAW 16-9-9-16	09	090S	160E	4301332044	13269	Federal	OW	P
CASTLE PK FED 24-10A	10	090S	160E	4301330555	13269	Federal	OW	P
MON FED 33-10-9-16	10	090S	160E	4301331722	13269	Federal	OW	P
MON FED 43-10-9-16	10	090S	160E	4301331723	13269	Federal	WI	A
S WELLS DRAW 2-10-9-16	10	090S	160E	4301331774	13269	Federal	OW	P
S WELLS DRAW 5-10-9-16	10	090S	160E	4301331811	13269	Federal	WI	A
S WELLS DRAW 6-10-9-16	10	090S	160E	4301332041	13269	Federal	OW	P
S WELLS DRAW 7-10-9-16	10	090S	160E	4301332042	13269	Federal	WI	A
S WELLS DRAW 11-10-9-16	10	090S	160E	4301332045	13269	Federal	WI	A
S WELLS DRAW 12-10-9-16	10	090S	160E	4301332046	13269	Federal	OW	P
S WELLS DRAW 13-10-9-16	10	090S	160E	4301332047	13269	Federal	OW	S

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**



March 17, 2009

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
South Wells Draw #6-10-9-16  
Monument Butte Field, Lease #UTU-72107  
Section 10-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the South Wells Draw #6-10-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg  
Regulatory Analyst

RECEIVED

MAR 23 2009

DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**SOUTH WELLS DRAW #6-10-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**SOUTH WELLS DRAW UNIT**  
**LEASE #UTU-72107**  
**MARCH 17, 2009**

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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: South Wells Draw #6-10-9-16  
Field or Unit name: Monument Butte (Green River), South Wells Draw Unit Lease No. UTU-72107  
Well Location: QQ SWNW section 10 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]

Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]

Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ ] No [ X ]

Date of test: \_\_\_\_\_

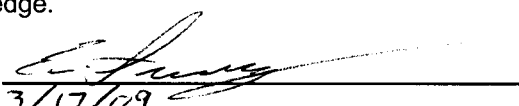
API number: 43-013-32041

Proposed injection interval: from 4022 to 5569  
Proposed maximum injection: rate 500 bpd pressure 2133 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature   
Title Regulatory Analyst Date 3/17/09  
Phone No. (303) 893-0102

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:



Spud Date: 6/5/98

Put on Production: 7/13/98

GL: 5666.9' KB: 5678.9' (12'KB)

## S. Wells Draw #6-10-9-16

Initial Production: 80 BOPD,  
116 MCFD, 3 BWPD

### SURFACE CASING

SIZE: 8 5/8" / J-55 / 24 #

LENGTH: 7 jts @ 297.86'

HOLE SIZE: 12 1/4"

DEPTH LANDED: 308'KB

CEMENT DATA: 120 sx Class G, est 4 bbls cmt to surface

### PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5 #

LENGTH: 135 jts @ 5816'

HOLE SIZE: 7 7/8"

DEPTH LANDED: 5828'KB

CEMENT DATA: 340 sx Premium Lite & 410 sx 50/50 Poz

CEMENT TOP AT: 400'

### TUBING RECORD

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 166 jts (5157.93')

TUBING ANCHOR: 5169.93'

NO. OF JOINTS: 3 jts (96.84')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5269.57' KB

NO. OF JOINTS: 2 jts (62.10')

TOTAL STRING LENGTH: EOT @ 5333.17'

### Proposed Injection

### Wellbore Diagram

Cement Top @ 400'

Packer @ 4199'

4234' - 4237'

4239' - 4243'

4245' - 4248'

4259' - 4263'

4895' - 4899'

4901' - 4911'

5175' - 5182'

5204' - 5206'

5208' - 5210'

5232' - 5235'

Top of fill @ 5430'

PBTD @ 5765'

SHOE/TD @ 5828'KB

### FRAC JOB

7-03-98 5175'-5335'

Frac A sand as follows:

115,110# 20/40 sand in 560 bbls Viking  
Perfs broke @ 2150 psi Treated w/avg  
press of 1975 psi w/avg rate of 30 BPM  
ISIP-2725 psi, 5 min 2375 psi Flowback  
on 12/64" ck for 4 hrs & died

7-08-98 4895'-4911'

Frac C sand as follows:

107,835# 20/40 sand in 546 bbls Viking  
Perfs broke @ 1850psi Treated w/avg  
press of 1870 psi w/avg rate of 28.6 BPM  
ISIP-3250 psi, 5 min 2762 psi Flowback  
on 12/64" ck for 4-1/2 hrs & died

7-10-98 4234'-4263'

Frac GB sand as follows:

105,040# 20/40 sand in 510 bbls Viking  
Perfs broke @ 2900 psi Treated w/avg  
press of 1750 psi w/avg rate of 26 BPM  
ISIP-2160 psi, 5 min 1799 psi Flowback  
on 12/64" ck for 3-1/2 hrs & died

### PERFORATION RECORD

7-02-98	5175'-5182'	4 JSPF	28 holes
7-02-98	5204'-5206'	4 JSPF	8 holes
7-02-98	5208'-5210'	4 JSPF	8 holes
7-02-98	5332'-5335'	4 JSPF	12 holes
7-07-98	4895'-4899'	4 JSPF	16 holes
7-07-98	4901'-4911'	4 JSPF	40 holes
7-09-98	4234'-4237'	4 JSPF	12 holes
7-09-98	4239'-4243'	4 JSPF	16 holes
7-09-98	4245'-4248'	4 JSPF	12 holes
7-09-98	4259'-4263'	4 JSPF	16 holes

**NEWFIELD**

**S. Wells Draw #6-10-9-16**

1980 FNL & 1980 FWL

SENW Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-32041; Lease #U-72107

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the South Wells Draw #6-10-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the South Wells Draw #12-10-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4022'-5569'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever ever is shallower. The Garden Gulch Marker top is at 3702' and the TD is at 5828'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the South Wells Draw #6-10-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a <sup>Federal</sup> ~~State~~ lease (Lease #UTU-72107) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 308' KB, and 5-1/2", 15.5# casing run from surface to 5828' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2133 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the South Wells Draw #6-10-9-16, for existing perforations (4191' - 5255') calculates at 0.95 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2133 psig. We may add additional perforations between 3702' and 5828'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the South Wells Draw #6-10-9-16, the proposed injection zone (4022' - 5569') is in the Garden Gulch to Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

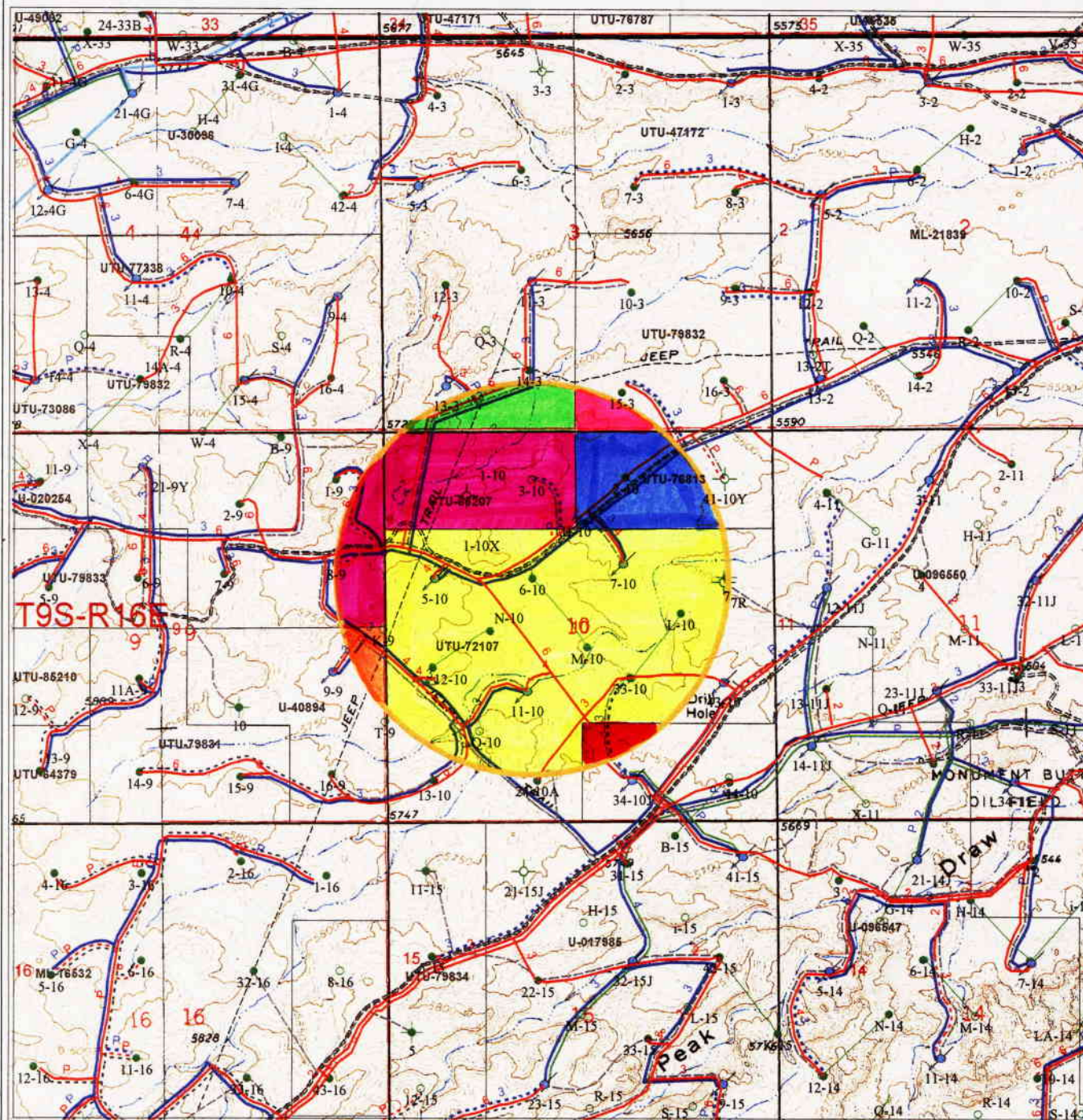
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - ⊙ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - ⊙ Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
- Leases**
- Leases
  - Mining tracts
- 6-10-9-16 1/2 mile radius**

- UTU-72107
- U-017985
- UTU-74813
- UTU-75207
- UTU-77338
- U-40894
- UTU-79832

## ATTACHMENT A SHEET 1 OF 2

S Wells Draw 6-10-9-16  
Section 10, T9S-R16E

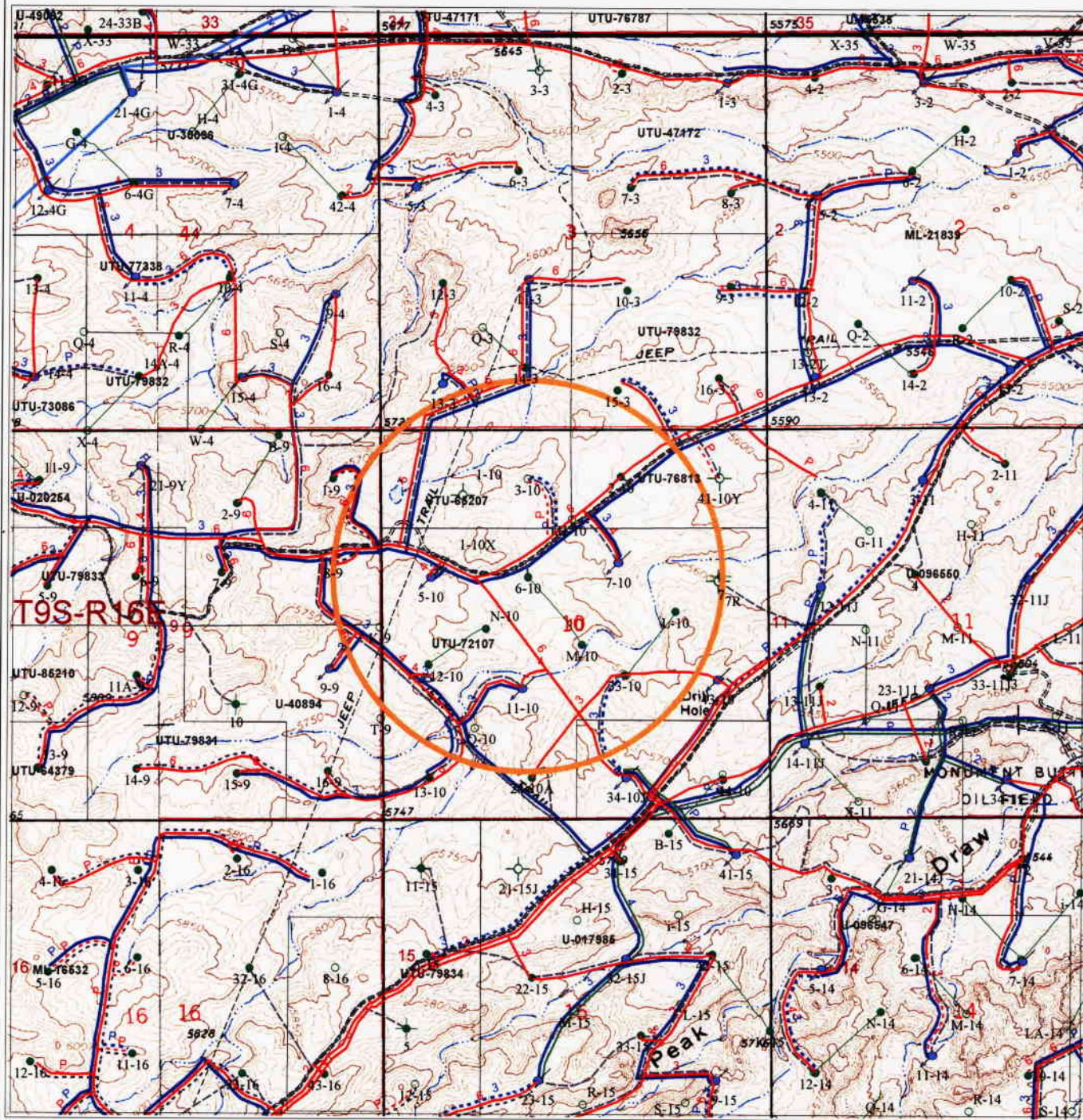


1/2 Mile Radius Map  
Duchesne County

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 883-0102

January 21, 2009





- Well Status**
- Location
  - ⊙ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
- Leases**
- Leases
  - Mining tracts
  - 6-10-9-16 1/2 mile radius

## ATTACHMENT A SHEET 20P2

S Wells Draw 6-10-9-16  
Section 10, T9S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS



1" = 2000'

1/2 Mile Radius Map  
Duchesne County

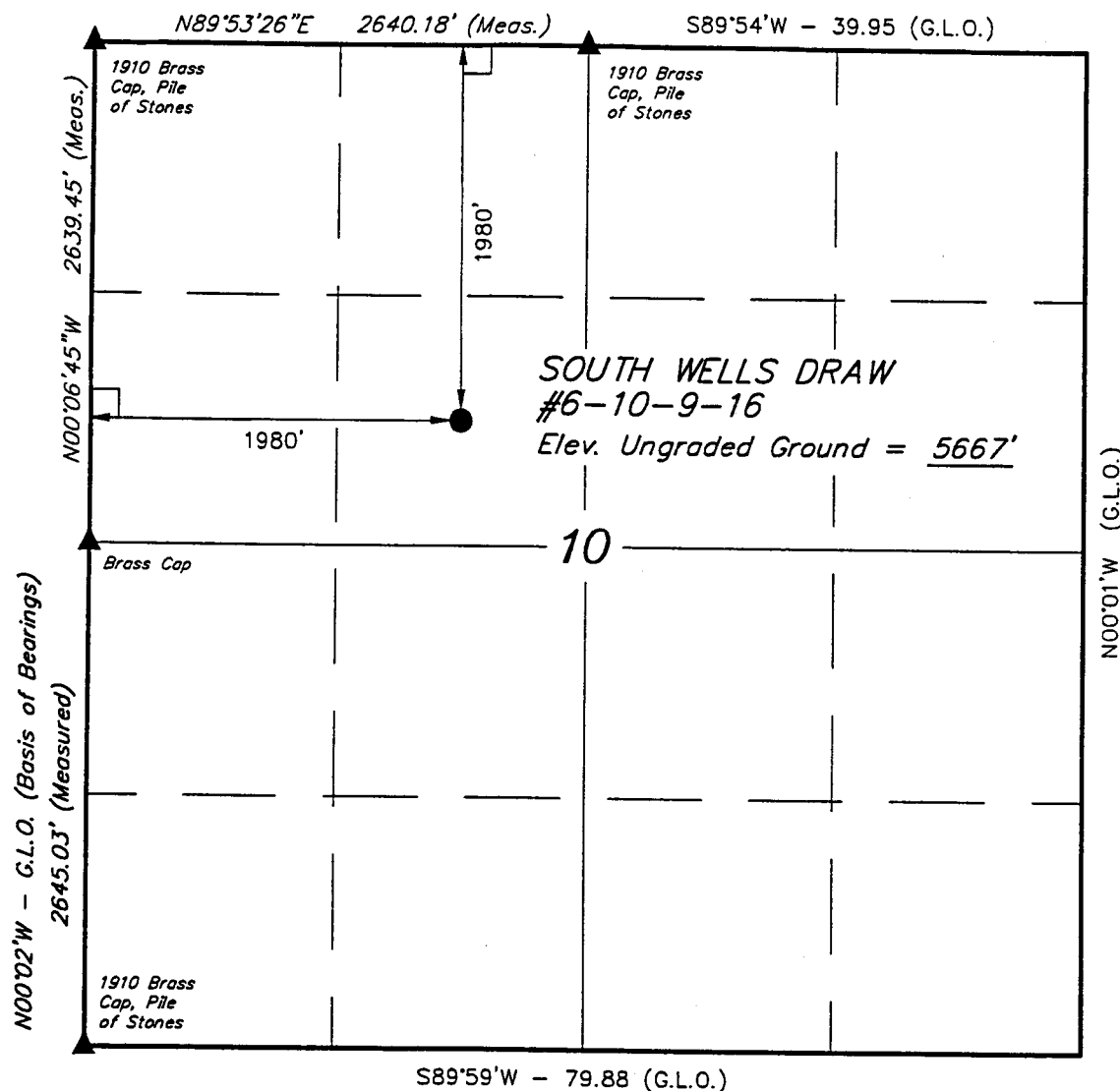
1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

January 21, 2009



# ATTACHMENT A-1

T9S, R16E, S.L.B.&M.



## LEGEND:

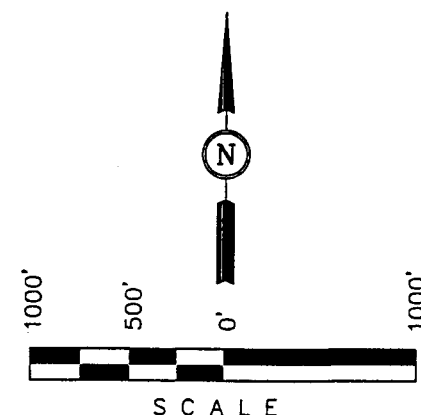
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

## INLAND PRODUCTION CO.

Well location, SOUTH WELLS DRAW #6-10-9-16, located as shown in the SE 1/4 NW 1/4 of Section 10, T9S, R16E, S.L.B.&M. Duchesne County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 10, T9S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5747 FEET.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Key*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161519  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-2-98	DATE DRAWN: 1-12-98
PARTY D.A. J.F. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

## EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 16 East</u> Section 10: S2N2, N2S2, S2SW	U-72107 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
2.	<u>Township 9 South, Range 16 East</u> Section 10: S2SE Section 15: E2, E2W2	U-017985 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
3.	<u>Township 9 South, Range 16 East</u> Section 10: N2NE	UTU-76813 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202 Yates Petroleum Corporation Yates Drilling Company Myco Industries Inc ABO Petroleum Corporation 105 S. Fourth St. Artesia, NM 88210	(Surface Rights) USA

## EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4.	<u>Township 9 South, Range 16 East</u> Section 9: NE, NENW Section 10: N2NW	UTU-65207 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202 Yates Petroleum Corporation Yates Drilling Company Myco Industries Inc ABO Petroleum Corporation 105 S. Fourth St. Artesia, NM 88210	(Surface Rights) USA
5.	<u>Township 9 South, Range 16 East</u> Section 3: S2NW, SW, Lot 3-4 Section 4: NESW, SE	UTU-77338 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
6.	<u>Township 9 South, Range 16 East</u> Section 9: N2SE, SESE	U-40894 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
7	<u>Township 9 South, Range 16 East</u> Section 3: SE Section 4: SESW	UTU-79832 HBP	Newfield Production Company 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202 Yates Petroleum Corporation 105 S. Fourth St. Artesia, NM 88210	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
South Wells Draw #6-10-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

*Eric Sundberg*  
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 17<sup>th</sup> day of March, 2009.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires: 2/10/2013

Spud Date: 6/5/98

Put on Production: 7/13/98

GL: 5666.9' KB: 5678.9' (12'KB)

## S. Wells Draw #6-10-9-16

## Wellbore Diagram

Initial Production: 80 BOPD,  
116 MCFD, 3 BWPDSURFACE CASING

SIZE: 8 5/8" / J-55 / 24 #

LENGTH: 7 jts @ 297.86'

HOLE SIZE: 12 1/4"

DEPTH LANDED: 308'KB

CEMENT DATA: 120 sx Class G, est 4 bbls cmt to surface

PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5 #

LENGTH: 135 jts @ 5816'

HOLE SIZE: 7 7/8"

DEPTH LANDED: 5828'KB

CEMENT DATA: 340 sx Premium Lite &amp; 410 sx 50/50 Poz

CEMENT TOP AT: 400'

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 166 jts (5157.93')

TUBING ANCHOR: 5169.93'

NO. OF JOINTS: 3 jts (96.84')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5269.57' KB

NO. OF JOINTS: 2 jts (62.10')

TOTAL STRING LENGTH: EOT @ 5333.17'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.

SUCKER RODS: 1-1 1/2" x 8' wt. rod, 5-1 1/2" weight rods, 14 -3/4" scraped rods, 81-3/4" plain rods, 110-3/4" scraped rods, 1-4' x 3/4" pony rod.

PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC pump

STROKE LENGTH: 54"

PUMP SPEED, SPM: 4.5 SPM

SN @ 5270'

FRAC JOB

7-03-98 5175'-5335'

Frac A sand as follows:

115,110# 20/40 sand in 560 bbls Viking.  
Perfs broke @ 2150 psi. Treated w/avg  
press of 1975 psi w/avg rate of 30 BPM.  
ISIP-2725 psi, 5 min 2375 psi. Flowback  
on 12/64" ck for 4 hrs & died.

7-08-98 4895'-4911'

Frac C sand as follows:

107,835# 20/40 sand in 546 bbls Viking.  
Perfs broke @ 1850psi. Treated w/avg  
press of 1870 psi w/avg rate of 28.6 BPM.  
ISIP-3250 psi, 5 min 2762 psi. Flowback  
on 12/64" ck for 4-1/2 hrs & died.

7-10-98 4234'-4263'

Frac GB sand as follows:

105,040# 20/40 sand in 510 bbls Viking.  
Perfs broke @ 2900 psi. Treated w/avg  
press of 1750 psi w/avg rate of 26 BPM.  
ISIP-2160 psi, 5 min 1799 psi. Flowback  
on 12/64" ck for 3-1/2 hrs & died.

1/23/02

Tubing leak. Update rod and tubing details.

8/5/04

Tubing leak. Update rod and tubing details.

Cement Top @ 400'

4234'-4237'

4239'-4243'

4245'-4248'

4259'-4263'

4895'-4899'

4901'-4911'

Anchor @ 5170'

5175'-5182'

5204'-5206'

5208'-5210'

5232'-5235'

EOT @ 5333'

Top of fill @ 5430'

PBTB @ 5765'

SHOE/TD @ 5828'KB

PERFORATION RECORD

7-02-98	5175'-5182'	4 JSPF	28 holes
7-02-98	5204'-5206'	4 JSPF	8 holes
7-02-98	5208'-5210'	4 JSPF	8 holes
7-02-98	5332'-5335'	4 JSPF	12 holes
7-07-98	4895'-4899'	4 JSPF	16 holes
7-07-98	4901'-4911'	4 JSPF	40 holes
7-09-98	4234'-4237'	4 JSPF	12 holes
7-09-98	4239'-4243'	4 JSPF	16 holes
7-09-98	4245'-4248'	4 JSPF	12 holes
7-09-98	4259'-4263'	4 JSPF	16 holes



S. Wells Draw #6-10-9-16

1980 FNL &amp; 1980 FWL

SENW Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-32041; Lease #U-72107

Spud Date: 5-16-98

Put on Production: 8/14/98

GL: 5644' KB: 5656'

## S. Wells Draw #2-10-9-16

## Wellbore Diagram

Initial Production: 74 BOPD,  
30 MCFD, 23 BWPD

## SURFACE CASING

SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24 #  
 LENGTH: 7 jts @ 316.35'  
 HOLE SIZE: 12 1/4"  
 DEPTH LANDED: 316.85'  
 CEMENT DATA: 120 sx Class G, est 4 bbls cmt to surface

## PRODUCTION CASING

SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5 #  
 LENGTH: 136 jts @ 5833'  
 HOLE SIZE: 7 7/8"  
 DEPTH LANDED: 5844'  
 CEMENT DATA: 370 sx 28-72 Poz &  
 365 sx Class G  
 CEMENT TOP AT: surface

## TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs  
 NO. OF JOINTS: 178 jnts  
 TUBING ANCHOR:  
 SEATING NIPPLE: 2 7/8" (1.10")  
 TOTAL STRING LENGTH:  
 SN LANDED AT:  
 EOT: 5547'

LOGS: DIGL/SP/GR/CAL 5840'-326'  
 CD/CN/GR 5820'-3000'

## SUCKER RODS

POLISHED RODS: 1 1/2" X 20'  
 SUCKER RODS: 2-4' X 3/4" pony rods, 92-3/4" guided rods  
 106-3/4" slick rods, 14-3/4" guided rods  
 6-1 1/2" WT bars  
 PUMP SIZE: 2 1/2" X 1 1/2" 14' RHAC CDI PUMP  
 STROKE LENGTH: 86'  
 PUMP SPEED: 4 SPM

## FRAC JOB

7-29-98 5636'-5649' **Frac CP sand as follows:**  
 111,600# 20/40 sand in 561 bbls Viking.  
 Perfs broke @ 2790 psi. Treated w/avg  
 press of 1250 psi w/avg rate of 30.6 BPM.  
 ISIP-1850 psi, 5 min 1700 psi. Flowback  
 on 12/64" ck for 3 hrs & died.

7-30-98 5250'-5276' **Frac A sand as follows:**  
 111,200# 20/40 sand in 550 bbls Viking.  
 Perfs broke @ 3511 psi. Treated w/avg  
 press of 1645 psi w/avg rate of 30.2 BPM.  
 ISIP-1920 psi, 5 min 1830 psi. Flowback  
 on 12/64" ck for 6 hrs & died.

8-02-98 4753'-4850' **Frac D sand as follows:**  
 118,164# 20/40 sand in 568 bbls Viking.  
 Perfs broke @ 3573 psi. Treated w/avg  
 press of 1850 psi w/avg rate of 30 BPM.  
 ISIP-2150 psi, 5 min 2013 psi. Flowback  
 on 12/64" ck for 7 hrs & died.

8-07-98 4223'-4276' **Frac GB sand as follows:**  
 110,700# 20/40 sand in 519 bbls Viking.  
 Perfs broke @ 3420 psi. Treated w/avg  
 press of 1895 psi w/avg rate of 26.3 BPM.  
 ISIP-2300 psi, 5 min 2150 psi. Flowback  
 on 12/64" ck for 4 hrs & died.

4-29-08 Pump change

## PERFORATION RECORD

7-29-98 5636'-5649' 4 JSPF 52 holes  
 7-30-98 5250'-5252' 4 JSPF 8 holes  
 7-30-98 5257'-5264' 4 JSPF 28 holes  
 7-30-98 5266'-5276' 4 JSPF 40 holes  
 8-01-98 4753'-4757' 4 JSPF 16 holes  
 8-01-98 4773'-4778' 4 JSPF 20 holes  
 8-01-98 4847'-4850' 4 JSPF 12 holes  
 8-06-98 4223'-4230' 4 JSPF 28 holes  
 8-06-98 4233'-4240' 4 JSPF 28 holes  
 8-06-98 4274'-4276' 4 JSPF 8 holes



S. Wells Draw #2-10-9-16  
 635 FNL 1999 FEL  
 NWNE Section 10-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31774; Lease #U-76813

PBTD @ 5795'  
 TD @ 5850'

Spud Date: 4-28-98  
Put on Production:  
Put on Injection:

GL: 5707.6 KB:5717.6'

#### SURFACE CASING

SIZE: 8 5/8" / J-55 / 24 #  
LENGTH: 7 jts @ 293'  
HOLE SIZE: 12 1/4"  
DEPTH LANDED: 293'  
CEMENT DATA: 120 sx Premium, est 8 bbls cmt to surface

#### PRODUCTION CASING

SIZE: 5 1/2" / J-55 / 15.5 #  
LENGTH: 137 jts @ 5877'  
HOLE SIZE: 7 7/8"  
DEPTH LANDED: 5888'  
CEMENT DATA: 350 sx Class C & 370 sx Class G  
CEMENT TOP AT:

#### TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 133 jts (4097.45')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4109.45' KB  
PACKER: 4113.72'  
TOTAL STRING LENGTH: EOT @ 4117.88' KB

## S. Wells Draw #5-10-9-16

Initial Production: 74 BOPD,  
79 MCFD, 3 BWPD

#### Injection Wellbore Diagram

#### FRAC JOB

6-10-98	5821'-5830'	Frac CP sand as follows: 111,300# 20/40 sand in 611 bbls Viking. Perfs broke @ 4050 psi. Treated w/avg press of 2235 psi w/avg rate of 28.3 BPM. ISIP-2200 psi, 5 min 1650 psi. Flowback on 12/64" ck for 3 hrs & died.
6-12-98	5248'-5260'	Frac A sand as follows: 95,420# 20/40 sand in 530 bbls Viking. Perfs broke @ 3220psi. Treated w/avg press of 1850 psi w/avg rate of 28.2 BPM. ISIP-1890 psi, 5 min 1775 psi. Flowback on 12/64" ck for 4 hrs & died.
6-14-98	4755'-4766'	Frac D sand as follows: 114,163# 20/40 sand in 521 bbls Viking. Perfs broke @ 3070 psi. Treated w/avg press of 2350 psi w/avg rate of 26.4 BPM. ISIP-3870 psi, 5 min 2365 psi. Flowback on 12/64" ck for 3 hrs & died. Screened out.
3/18/02		Break GB-4 & GB-6 zones. Wait on MIT.
4/24/02		Perform MIT. Wait on approval to inject.
3/23/07		5 Year MIT completed and Submitted.

Packer @ 4113'

4186'-4198'GB4

4240'-4248'GB6

4258'-4268'GB6

4755'-4766'D

5248'-5260'A

5821'-5830'CP

PBTD @ 5838'  
TD @ 5900'

#### PERFORATION RECORD

6/09/98	5821'-5830'	4 JSPF	36 holes
6/11/98	5248'-5260'	4 JSPF	48 holes
6/12/98	4755'-4766'	4 JSPF	44 holes
3/18/02	4258'-4268'	4 JSPF	40 holes
3/18/02	4240'-4248'	4 JSPF	32 holes
3/18/02	4186'-4198'	4 JSPF	48 holes

**NEWFIELD**

South Wells Draw #5-10-9-16  
1980 FNL & 660 FWL  
NWNE Section 10-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31811; Lease #U-72107

## S. Wells Draw #7-10-9-16

Spud Date: 5-12-98

Put on Production: 6-26-98

GL: 5644' KB: 5654'

Initial Production: 192 BOPD,  
190 MCFD, 2 BWPD**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 8 jts (315')

DEPTH LANDED: 315'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Class "G" cmt, & 15 sxs Class "G" Neat,  
est 7 bbls cmt to surf.**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts (5822')

DEPTH LANDED: 5833'

HOLE SIZE: 7-7/8"

CEMENT DATA: 375 sxs Class "G" &amp; 370 sxs 28.72 POZ III.

CEMENT TOP AT: Surface

**TUBING**

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#

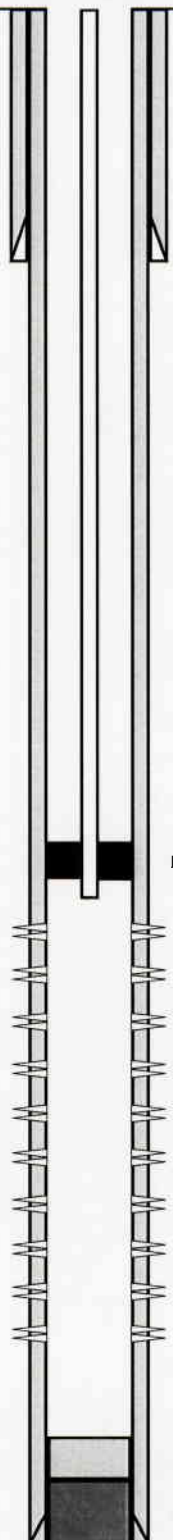
NO. OF JOINTS: 132 jts (4115.66')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4116.76' KB

TUBING PACKER: 4119.74'

TOTAL STRING LENGTH: EOT @ 4124.08'

LOGS: DIGL/SP/GR/CAL  
CD/CN/GR5850'-325'  
5850'-3000'**Wellbore Diagram****FRAC JOB**

6-21-98 5171'-5238' Frac A sand as follows:  
120,000# 20/40 sand in 569 bbls Viking.  
Perfs broke @ 2840 psi. Treated w/avg  
press of 1700 psi w/avg rate of 33 BPM.  
ISIP-2150 psi, 5 min 1930 psi. Flowback  
on 12/64" ck for 4 hrs & died.

6-24-98 4806'-4902' Frac D/C sand as follows:  
87,000# 20/40 sand in 418 bbls Viking.  
Perfs broke @ 1811 psi. Treated w/avg  
press of 2450 psi w/avg rate of 30 BPM.  
Screened out. ISIP-3810 psi, 5 min 2400 psi.  
Flowback on 12/64" ck for 5-1/2 hrs & died.

6-26-98 4210'-4249' Frac GB sand as follows:  
88,500# 20/40 sand in 563 bbls Viking.  
Perfs broke @ 2720 psi. Treated w/avg  
press of 1675 psi w/avg rate of 26.1 BPM.  
ISIP-2280 psi, 5 min 2050 psi. Flowback  
on 12/64" ck for 5 hrs & died.

9/24/01 Convert to injector.

**PERFORATION RECORD**

6-20-98	5171'-5174'	4 JSPF	12 holes
6-20-98	5176'-5180'	4 JSPF	16 holes
6-20-98	5204'-5212'	4 JSPF	32 holes
6-20-98	5228'-5238'	4 JSPF	40 holes
6-23-98	4806'-4810'	4 JSPF	16 holes
6-23-98	4878'-4885'	4 JSPF	28 holes
6-23-98	4897'-4902'	4 JSPF	20 holes
6-25-98	4210'-4216'	4 JSPF	24 holes
6-25-98	4231'-4239'	4 JSPF	32 holes
6-25-98	4242'-4249'	4 JSPF	24 holes

Packer @ 4119'

4210'-4216' GB

4231'-4239' GB

4242'-4249' GB

4806'-4810' D/C

4878'-4885' D/C

4897'-4902' D/C

5171'-5174' A

5176'-5180' A

5204'-5212' A

5228'-5238' A

SN @ 5270'  
EOT @ 4124'  
Sand fill @ 5505'  
PBD @ 5781'  
TD @ 5850'



**S. Wells Draw #7-10-9-16**  
1795 FNL & 2053 FEL  
SWNE Section 10-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32042; Lease #U-72107

BDH 9/26/01



Spud Date: 4/23/98  
 Put on Production: 6/3/98  
 GL: 5668' KB: 5680'

## South Wells Draw #11-10-9-16

Initial Production: 124 BOPD,  
 132 MCFPD, 11 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (293')  
 DEPTH LANDED: 293' (GL)  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium cmt, est 16 bbls cmt to surf.

### PRODUCTION CASING

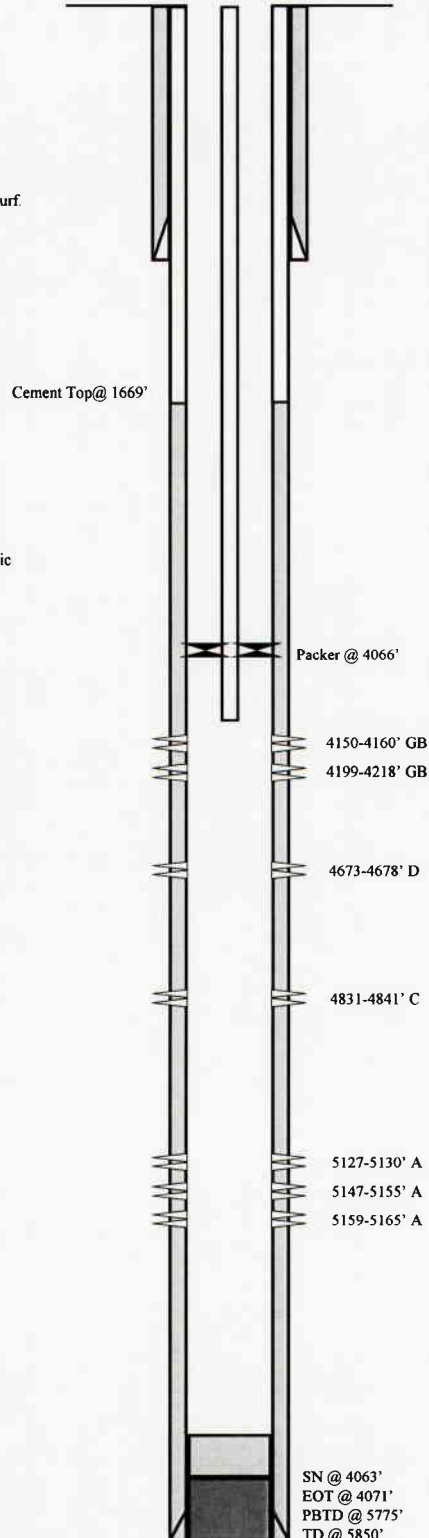
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts (5815')  
 DEPTH LANDED: 5825'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 440 sk Hibond mixed & 380 sxs thixotropic  
 CEMENT TOP AT: 1669' CBL

### TUBING

SIZE/GRADE/WT: 2-7/8"/6.5#/M-50 tbg.  
 NO. OF JOINTS: 130 jts (4050.78')  
 SEATING NIPPLE: 4063.88'  
 TUBING PACKER: 4066.90'  
 TOTAL STRING LENGTH: EOT @ 4071.20'

### Injection

#### Wellbore Diagram



### FRAC JOB

5/21/98 5127'-5165' **Frac A-1 & A-3 sands as follows:**  
 97,420# of 20/40 sand in 494 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 28 bpm. ISIP: 3000 psi. Calc. flush: 5127 gal. Actual flush: 4998 gal.

5/26/98 4831'-4841' **Frac C sand as follows:**  
 97,480# of 20/40 sand in 508 bbls Viking I-25 fluid. Treated @ avg press of 2100 psi w/avg rate of 26 bpm. ISIP: 2350 psi. Calc. flush: 4831 gal. Actual flush: 4746 gal.

5/28/98 4673'-4678' **Frac D-1 sand as follows:**  
 88,960# of 20/40 sand in 476 bbls Viking I-25 fluid. Treated @ avg press of 2350 psi w/avg rate of 24 bpm. ISIP: 2500 psi. Calc. flush: 4673 gal. Actual flush: 4662 gal.

5/30/98 4150'-4218' **Frac GB-4 & GB-6 sands as follows:**  
 105,300# of 20/40 sand in 513 bbls Viking I-25 fluid. Treated @ avg press of 1900 psi w/avg rate of 28 bpm. ISIP: 2300 psi. Calc. flush: 4150 gal. Actual flush: 4074 gal.

8/17/01 Pump change. Updated rod and tubing details.  
 9/21/01 Convert to injector.

### PERFORATION RECORD

Date	Interval	Tool	Holes
5/20/98	5127'-5130'	4 JSPF	12 holes
5/20/98	5147'-5155'	4 JSPF	32 holes
5/20/98	5159'-5165'	4 JSPF	24 holes
5/22/98	4831'-4841'	4 JSPF	40 holes
5/27/98	4673'-4678'	4 JSPF	20 holes
5/29/98	4150'-4160'	4 JSPF	40 holes
5/29/98	4199'-4218'	4 JSPF	76 holes



South Wells Draw #11-10-9-16  
 1606' FSL & 1898' FWL  
 NESW Section 10-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32045; Lease #UTU-72107

## Monument Federal #33-10-9-16

Spud Date: 3-1-97

Put on Production: 04-3-97

GL: 5646' KB: 5656'

Initial Production: 70 BOPD,  
74 MCFD, 0 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 5 jts @ 252.20

DEPTH LANDED: 262.20' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class G, est 10 bbls cement to the pit

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 136 jts (5765.87')

DEPTH LANDED: 5775.87' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 160 sx Premium Lite &amp; 330 sx 50/50 Poz

TUBING

SIZE/GRADE/WT: 2-7/8" / M-50

NO. OF JOINTS: 164 jts (5071.62')

TUBING ANCHOR: 5081.62'

NO. OF JOINTS: 4 jts (124.50')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5208.87'

NO. OF JOINTS: 1 jt perf sub (4.20')

NO. OF JOINTS: 1 jt (29.80')

TOTAL STRING LENGTH: 5244.37'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'

SUCKER RODS: 3/4 x 2'-4"-2 3/4 x 8' pony rods, 99- 3/4" guided rods, 82- 3/4" x 25' slick rods, 20- 3/4" x 25' guided rods, 6- 1 1/2" x 25' guided rods.

PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC pump

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5 SPM

FRAC JOB

03/21/97 5142'-5174'

Frac sand as follows:

23,932# 20/40 sand, &amp; 59,116#

16/30 sand in 591 bbls 2% KCL gelled water.

Treated @ avg press of 1975 psi w/avg rate of 26.8 BPM. ISIP-2400 psi.

02/25/05

Pump change. Updated tubing and rod detail.

10/15/07

Parted rods, Updated rod &amp; tubing details.

9-26-08

Pump change. Updated rod &amp; tubing details.

Top of Cement 1100'

Anchor @ 5082'

5142'-5149'

5152'-5174'

SN @ 5209'

EOT @ 5244'

PBSD @ 5729'

SHOE @ 5776'

TD @ 5800'

PERFORATION RECORD

3-20-97	5142'-5149'	4 JSPF	28 holes
3-20-97	5152'-5174'	4 JSPF	88 holes

NEWFIELD

Monument Federal #33-10-9-16

1980 FSL 1980 FEL

NWSE Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-31722; Lease #UTU-72107

Spud Date: 8/6/08  
 Put on Production: 9/12/08  
 GL: 5651' KB: 5663'

## S. Wells Draw #L-10-9-16

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (314.13')  
 DEPTH LANDED: 325.98'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class 'G' cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 154 jts (6486.62')  
 DEPTH LANDED: 6231.97'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 325 sx Premlite II and 450 sx 50/50 poz  
 CEMENT TOP AT: 34'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 170 jts (5222.70')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5298.53' KB  
 NO. OF JOINTS: 2 (61.72)  
 TOTAL STRING LENGTH: EOT @ 5361.80'

### SUCKER RODS

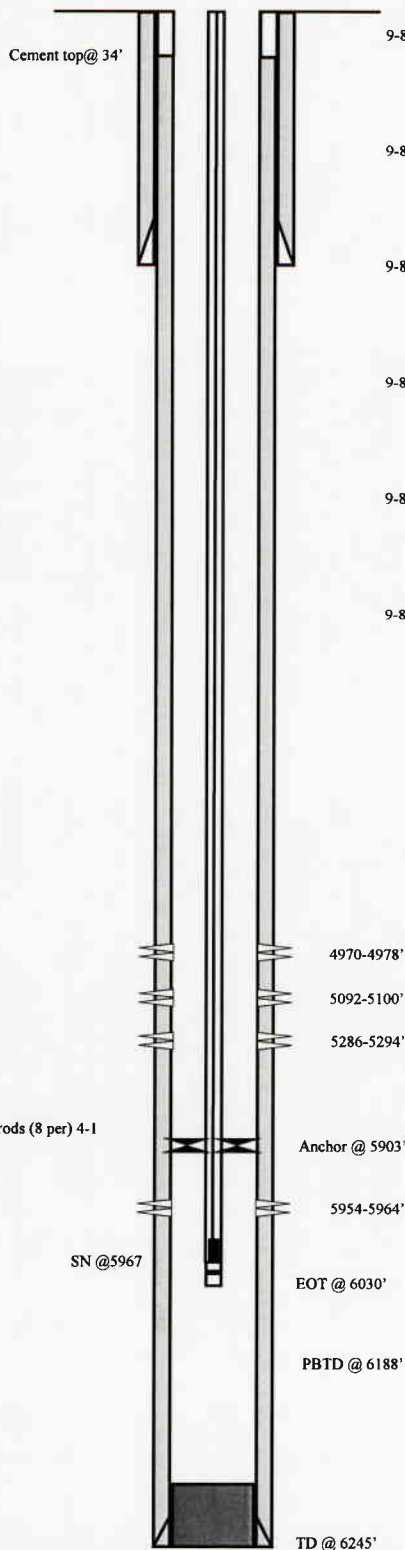
POLISHED ROD: 1-1/2" x 26' polished rod  
 SUCKER RODS: 1-2', 4', 8', x 7/8" pony subs, 207- 7/8" guided rods (8 per) 4-1 1/4" wt bars, shear coupler  
 PUMP SIZE: 2 1/4" x 1 3/4" x 20' x 20.5" RHAC rod pump- CD1  
 STROKE LENGTH: 122"  
 PUMP SPEED, SPM: 5

### FRAC JOB

9-8-08	5954-5964'	<b>Frac A1 sds as follows:</b> Frac w/29,513# 20/40 sand in 402 bbls of Lightning 17 fluid. Broke @ 2954 psi. Treated w/ ave pressure of 2489 psi w/ ave rate of 23.1 BPM. ISIP 2421 psi. Actual flush: 4780 gals.
9-8-08	5124-5136'	<b>Frac B2 sds as follows:</b> Frac w/45,017# 20/40 sand in 445 bbls of Lightning 17 fluid. Broke @ 2825 psi. Treated w/ ave pressure of 2450 psi w/ ave rate of 23.1 BPM. ISIP 2437 psi. Actual flush: 4620 gals.
9-8-08	4978-4986'	<b>Frac C sds as follows:</b> Frac w/35,060# 20/40 sand in 433 bbls of Lightning 17 fluid. Broke @ 3424 psi. Treated w/ ave pressure of 2729 psi w/ ave rate of 22.6 BPM. ISIP 2441 psi. Actual flush: 4473 gals.
9-8-08	4794-4804'	<b>Frac D1 sds as follows:</b> Frac w/25,061# 20/40 sand in 347 bbls of Lightning 17 fluid. Broke @ 3793 psi. Treated w/ ave pressure of 2586 psi w/ ave rate of 23.1 BPM. ISIP 2360 psi. Actual flush: 4204 gals.
9-8-08	4288-4300'	<b>Frac GB6 sds as follows:</b> Frac w/40,996# 20/40 sand in 393 bbls of Lightning 17 fluid. Broke @ 4200 psi. Treated w/ ave pressure of 1993 psi w/ ave rate of 22.6 BPM. ISIP 2053 psi. Actual flush: 3784 gals.
9-8-08	4116-4130'	<b>Frac GG2 sds as follows:</b> Frac w/26,166# 20/40 sand in 343 bbls of Lightning 17 fluid. Broke @ 4123 psi. Treated w/ ave pressure of 1950 psi w/ ave rate of 23.1 BPM. ISIP 1825 psi. Actual flush: 4032 gals.

### PERFORATION RECORD

9-8-08	4116-4130'	4 JSPF	56 holes
9-8-08	4288-4300'	4 JSPF	48 holes
9-8-08	4794-4804'	4 JSPF	40 holes
9-8-08	4978-4986'	4 JSPF	32 holes
9-8-08	5124-5136'	4 JSPF	48 holes
9-8-08	5286-5294'	4 JSPF	32 holes



**S. Wells Draw #L-10-9-16**  
 1975' FSL & 1960' FEL  
 NWSE Section 10-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33765; Lease # UTU-72107

Spud Date: 7/24/08

Put on Production: 8/28/08

GL:5672' KB:5684'

**S. Wells Draw #M-10-9-16****Wellbore Diagram****SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (313.32')

DEPTH LANDED: 325.17'

HOLE SIZE: 12-1/4"

CEMENT DATA: To surface with 160 sx Class 'G' cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 157 jts.

DEPTH LANDED: 6247.52'

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sx Premlite II and 425 sx 50/50 poz

CEMENT TOP AT: surface

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 192 jts (5903.31')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5966.92' KB

NO. OF JOINTS: 2 (61.91)

TOTAL STRING LENGTH: EOT @ 6030.38

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' polished rod

SUCKER RODS: 1-2', 4', 6', 8' x 7/8" pony subs, 233-7/8" guided rods (8 per), 4- 1 1/2" weight bars

PUMP SIZE: 2 1/2" x 1 3/4" x 16' x 20' RHAC rod pump- CDI

STROKE LENGTH 122

PUMP SPEED, SPM: 5

**FRAC JOB**

8-20-08 5954-5964'

**Frac CP4 sds as follows:**

25,452# 20/40 sand in 405 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1848 psi w/ ave rate of 22.6 BPM. ISIP 1548 psi. Actual flush: 5363 gals.

8-20-08 5286-5294'

**Frac A1 sds as follows:**

30,053# 20/40 sand in 403 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2149 psi w/ ave rate of 22.6 BPM. ISIP 2118 psi. Actual flush: 4780 gals.

8-20-08 5092-5100'

**Frac B2 sds as follows:**

25,226# 20/40 sand in 362 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2185 psi w/ ave rate of 22.5 BPM. ISIP 2109 psi. Actual flush: 4502 gals.

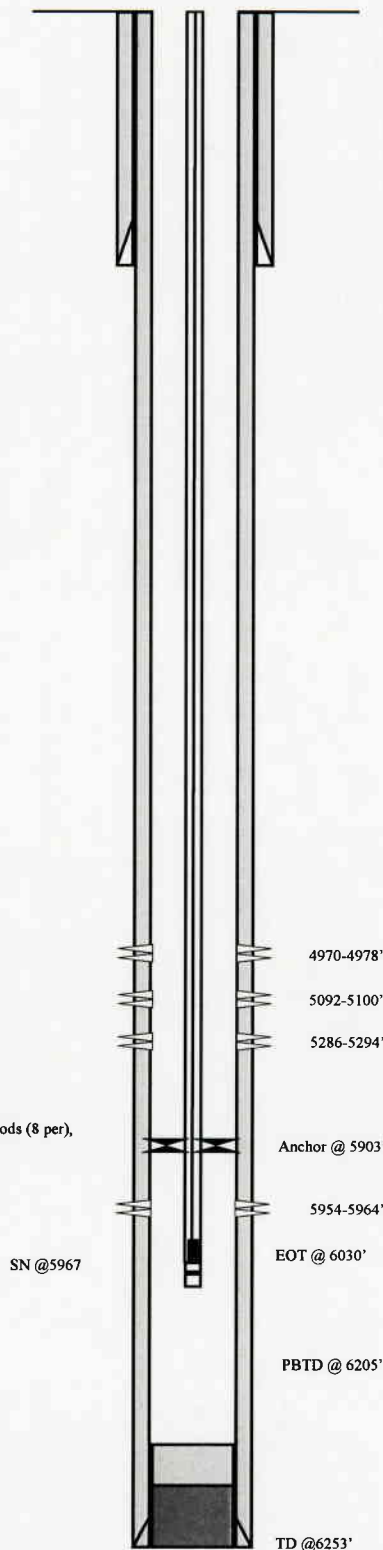
8-20-08 4970-4978'

**Frac C sds as follows:**

25,358# 20/40 sand in 358 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2309 psi w/ ave rate of 22.6 BPM. ISIP 2190 psi. Actual flush: 5868 gals.

**PERFORATION RECORD**

8-20-08	4970-4978'	4 JSPF	32 holes
8-20-08	5092-5100'	4 JSPF	32 holes
8-20-08	5286-5294'	4 JSPF	32 holes
8-20-08	5954-5964'	4 JSPF	40 holes

**S. Wells Draw #M-10-9-16**

1993' FNL &amp; 1980' FWL

SENW Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-33778; Lease # UTU-72107

## S. Wells Draw #N-10-9-16

Spud Date: 8/03/08

Put on Production: 9/09/08

GL: 5712' KB: 5724'

**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (312.99')

DEPTH LANDED: 324.84'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160sx of Class "G" cement

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 154 jts. (6496.62')

DEPTH LANDED: 6254.87'

HOLE SIZE: 7-7/8"

CEMENT DATA: 300sx of Prelite &amp; 400 sx of 50/50 poz

CEMENT TOP AT: 200'

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 170 jts (5232.78')

TUBING ANCHOR: 5244.78'

NO. OF JOINTS: 2 jts (61.69')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5309.27'

NO OF JOINTS: 2 jts (61.70')

TOTAL STRING LENGTH: EOT @ 5372.57'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' polished rod.

SUCKER RODS: 1-2', 6', 8' x 7/8" pony subs, 207-7/8" guided rods (8 per), 4-1 1/2" weight bars

PUMP SIZE: 2-1/2" x 1-3/4" x 16' x 19.5 RHAC rod pump- CDI

STROKE LENGTH: 102"

PUMP SPEED, SPM: 5

**Wellbore Diagram**

Cement Top @ 200'

SN @ 5309'

Anchor @ 5245'

EOT @ 5373'

PBDT @ 6018'

TD @ 6242'

**FRAC JOB**

8-29-08 5306-5314'

**Frac A1 sds as follows:**

Frac w/40,245#s of 20/40 sand in 430 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2781 psi w/ ave rate of 22.9 BPM. ISIP 4100 psi. Actual flush: 4885 gals.

8-29-08 5130-5138'

**Frac B2 sds as follows:**

Frac w/24,627#s of 20/40 sand in 360 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2215 psi w/ ave rate of 23.1 BPM. ISIP 2003 psi. Actual flush: 4624 gals.

8-29-08 4996-5006'

**Frac C sds as follows:**

Frac w/45,080#s of 20/40 sand in 438 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2077 psi w/ ave rate of 22.8 BPM. ISIP 2192 psi. Actual flush: 4507 gals.

8-29-08 4710-4722'

**Frac DS1 sds as follows:**

Frac w/30,050#s of 20/40 sand in 385 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2236 psi w/ ave rate of 23.0 BPM. ISIP 2291 psi. Actual flush: 4200 gals.

8-29-08 4574-4582'

**Frac PB11 sds as follows:**

Frac w/25,866#s of 20/40 sand in 350 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2153 psi w/ ave rate of 23.0 BPM. ISIP 2211 psi. Actual flush: 4066 gals.

8-29-08 4326-4334'

**Frac GB6 sds as follows:**

Frac w/31,865#s of 20/40 sand in 353 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1971 psi w/ ave rate of 22.9 BPM. ISIP 1951 psi. Actual flush: 4242 gals.

**PERFORATION RECORD**

8-29-08	4326-4334'	4 JSPF	32 holes
8-29-08	4574-4582'	4 JSPF	32 holes
8-29-08	4710-4722'	4 JSPF	48 holes
8-29-08	4996-5006'	4 JSPF	40 holes
8-29-08	5130-5138'	4 JSPF	32 holes
8-29-08	5306-5314'	4 JSPF	32 holes



S. Wells Draw #N-10-9-16

2151' FSL &amp; 623' FWL

NWSW Section 10-T9S-R16E

Duchesne Co, Utah

API #43-013-33779; Lease #UTU-72107

TL 9/24/08



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

349 PR 4473

Sonora, TX 76950

multi-chem®

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-20256**Well Name: **FED 6-10-9-16**Sample Point: **Tank**Sample Date: **1/19/2009**Sales Rep: **Randy Huber**Lab Tech: **Joseph Sadler**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/29/2009	<b>Cations</b>	<b>mg/L</b>	<b>Anions</b>	<b>mg/L</b>
Temperature (°F):	160	Calcium (Ca):	240.00	Chloride (Cl):	1000.00
Sample Pressure (psig):	0	Magnesium (Mg):	488.00	Sulfate (SO <sub>4</sub> ):	420.00
Specific Gravity (g/cm <sup>3</sup> ):	1.0100	Barium (Ba):	0.01	Dissolved CO <sub>2</sub> :	0.01
pH:	9	Strontium (Sr):	-	Bicarbonate (HCO <sub>3</sub> ):	1464.00
Turbidity (NTU):	-	Sodium (Na):	189.64	Carbonate (CO <sub>3</sub> ):	-
		Potassium (K):	-	H <sub>2</sub> S:	0.01
		Iron (Fe):	16.74	Phosphate (PO <sub>4</sub> ):	-
		Manganese (Mn):	0.03	Silica (SiO <sub>2</sub> ):	-
Calculated T.D.S. (mg/L)	3818	Lithium (Li):	-	Fluoride (F):	-
Molar Conductivity (µS/cm):	5786	Aluminum (Al):	-	Nitrate (NO <sub>3</sub> ):	-
Resitivity (Mohm):	1.7283	Ammonia NH <sub>3</sub> :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
160	0	273.57	97.39	0.08	-977.24	0.08	-896.40	-	-	0.04	-0.43	0.02
80	0	154.34	79.47	0.08	67.18	0.05	-1603.50	-	-	0.20	-0.07	0.01
100	0	188.84	86.88	0.07	73.46	0.05	-1482.00	-	-	0.13	-0.12	0.02
120	0	219.92	91.78	0.07	77.61	0.05	-1307.40	-	-	0.08	-0.19	0.02
140	0	248.38	95.24	0.08	80.54	0.06	-1105.10	-	-	0.06	-0.29	0.02
160	0	273.57	97.39	0.08	82.36	0.08	-896.40	-	-	0.04	-0.43	0.02
180	0	295.39	98.56	0.09	83.35	0.10	-696.57	-	-	0.03	-0.62	0.02
200	0	314.37	99.37	0.09	84.04	0.14	-515.05	-	-	0.02	-0.86	0.02
220	2.51	330.14	101.55	0.10	85.88	0.21	-360.51	-	-	0.01	-1.14	0.02
240	10.3	345.10	104.01	0.10	87.96	0.32	-225.39	-	-	0.01	-1.45	0.02
260	20.76	358.01	108.09	0.11	91.43	0.52	-113.29	-	-	0.01	-1.79	0.02
280	34.54	367.84	113.91	0.12	96.39	0.87	-21.96	-	-	0.01	-2.15	0.02
300	52.34	373.58	121.52	0.13	102.89	1.46	50.62	-	-	0.01	-2.58	0.02

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate scale is indicated. See graph for appropriate temperature ranges.

Strontium Sulfate scaling was not evaluated

Barium Sulfate Scaling Index is negative from 80°F to 300°F

**Notes:**



# Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

349 PR 4473

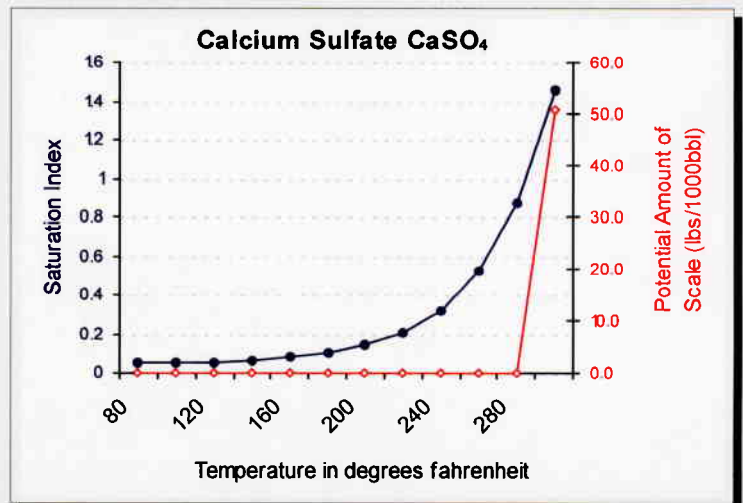
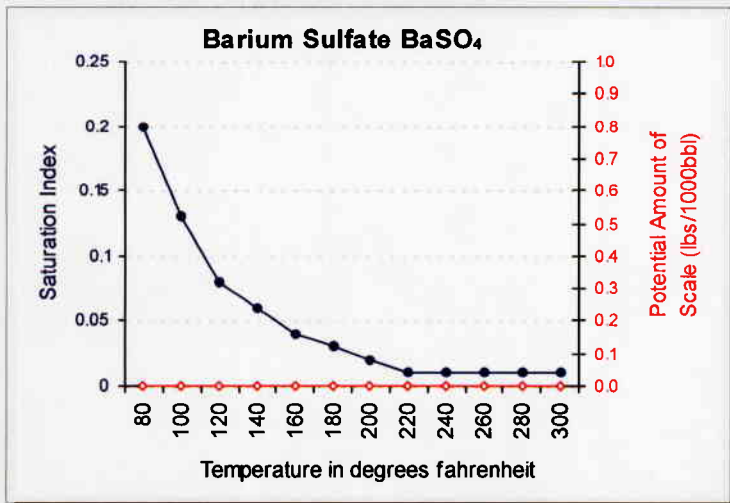
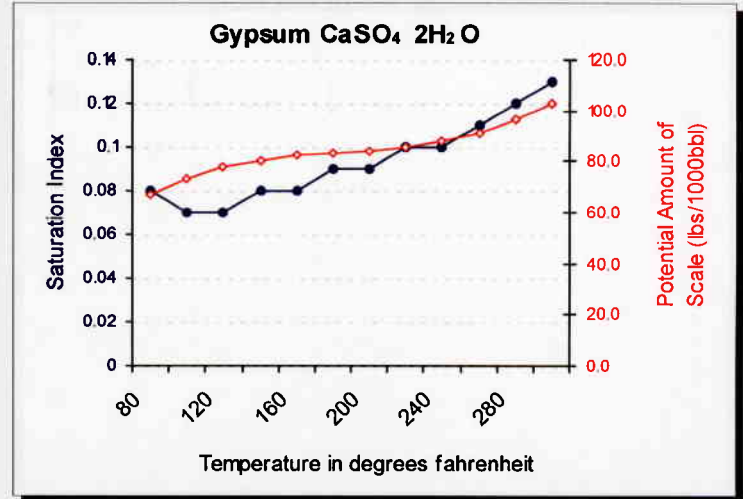
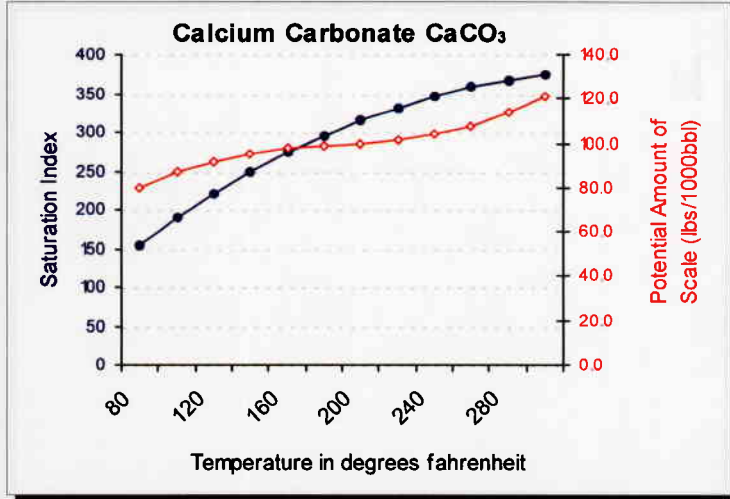
Sonora, TX 76950

multi-chem®

## Scale Prediction Graphs

Well Name: FED 6-10-9-16

Sample ID: WA-20256



**Attachment "G"**

**South Wells Draw #6-10-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
Top	Bottom					
4191	4234	4263	2160	0.95	2133	←
4895	4911	4903	3250	1.10	3218	
5175	5335	5255	2725	0.96	2691	
				Minimum	<u>2133</u>	

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
where pressure gradient for the fresh water is .433 psi/ft and  
specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.





### Daily Completion Report

**S. WELLS DRAW 6-10-9-16**  
SE/NW Section 10, T09S R16E  
DUCHESNE Co., Utah  
API # 43-013-32041

Spud Date: 6/5/98  
MIRU Drl Rig: 6/9/98, Big A #46  
TD: 5850'  
Completion Rig: Flint #4354

**7/1/98 PO: Perf A sds. (Day 1)**

Summary: 6/30/98 – CP: 0. MIRU Flint #4354. NU BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 186 jts 2-7/8" 8rd 6.5# M-50 tbg. Tag PBD @ 5765'. Press test csg & BOP to 3000 psi. Swab FL dn to 4600'. TOH w/tbg. LD bit & scraper. SIFN.  
DC: \$21,083 TWC: \$171,106

**7/2/98 PO: Frac A sds. (Day 2)**

Summary: 7/1/98 – CP: 0. RU Schlumberger & **perf A sds @ 5175-82', 5204-06', 5208-10' & 5332-35' w/4 jspf.** TIH w/tbg to 5739'. IFL @ 4500'. Made 3 swab runs, rec 12 BTF w/tr oil. FFL @ 5100'. SIFN.  
DC: \$2,401 TWC: \$173,507

**7/3/98 PO: Perf C sds. (Day 3)**

Summary: 7/2/98 – TP: 0, CP: 50. Bleed gas off well. IFL @ 4850'. Made 2 swab runs, rec 6 BTF w/tr oil. FFL @ 5150'. TOH w/tbg. NU isolation tool. RU BJ Services & frac A sds w/115,110# 20/40 sd in 560 bbls Viking I-25 fluid. Perfs broke dn @ 2150 psi. Treated @ ave press of 1975 psi w/ave rate of 30 BPM. ISIP: 2725 psi, 5 min: 2375 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 99 BTF (est 18% of load). SIFN w/est 461 BWTR.  
DC: \$23,562 TWC: \$197,069

**7/4/98 SD for Holiday & Weekend.**

**7/7/98 PO: Frac C sds. (Day 4)**

Summary: 7/6/98 – CP: 0. TIH w/5-1/2" RBP & tbg. Set plug @ 5104'. Press test plug to 3000 psi. Swab FL dn to 4400'. Rec 95 BTF. TOH w/tbg. RU Schlumberger & **perf C sds @ 4895-99' & 4901-11' w/4 jspf.** TIH w/tbg to 5053'. IFL @ 3400'. Made 5 swab runs, rec 17 BTF w/5% oil on last runs. FFL @ 3800' last 2 runs. SIFN w/est 349 BWTR.  
DC: \$4,339 TWC: \$201,408

**7/8/98 PO: Perf GB sds. (Day 5)**

Summary: 7/7/98 – TP: 50, CP: 75. Bleed gas off tbg & csg. IFL @ 2700'. Made 6 swab runs, rec 45 BTF (est 42 BO, 3 BW). FOC @ 90%. FFL @ 4300'. TOH w/tbg. NU isolation tool. RU BJ Services & frac C sds w/107,835# 20/40 sd in 546 bbls Viking I-25 fluid. Perfs broke dn @ 1850 psi. Treated @ ave press of 1870 psi w/ave rate of 28.6 BPM. ISIP: 3250 psi, 5 min: 2762 psi. Flowback on 12/64 choke for 4-1/2 hrs & died. Rec 135 BTF (est 25% of load). SIFN w/est 757 BWTR.  
DC: \$24,582 TWC: \$225,990

**7/9/98 PO: Frac GB sds. (Day 6)**

Summary: 7/8/98 – CP: 50. Bleed off est 6 bbls frac fluid w/tr oil. TIH w/RH & tbg. Tag sd @ 4917'. CO sd to RBP @ 5104'. Release plug. Pull up & reset @ 4806'. Press test plug to 3000 psi. Swab FL dn to 3700'. Rec 80 BTF. TOH w/tbg. RU Schlumberger & **perf GB sds @ 4234-37', 4239-43', 4245-48' & 4259-63' w/4 jspf.** TIH w/tbg to 4777'. IFL @ 3500'. Made 3 swab runs, rec 15 BTF. FFL @ 4200'. SIFN w/est 656 BWTR.  
DC: \$3,837 TWC: \$229,827



**Daily Completion Report – Page Two**

**S. WELLS DRAW 6-10-9-16**  
SE/NW Section 10, T09S R16E  
DUCHESNE Co., Utah  
API # 43-013-32041

Spud Date: 6/5/98  
MIRU Drl Rig: 6/9/98, Big A #46  
TD: 5850'  
Completion Rig: Flint #4354

**7/10/98 PO: Pull plug. CO PBTD. Swab well. (Day 7)**

Summary: 7/9/98 – TP: 0, CP: 0. IFL @ 4200'. Made 1 swab run, rec 1 BW. FFL @ 4300'. TOH w/tbg. NU isolation tool. RU BJ Services & frac GB sds w/105,040# 20/40 sd in 510 bbls Viking I-25 fluid. Perfs broke dn @ 2900 psi. Treated @ ave press of 1750 psi w/ave rate of 26 BPM. ISIP: 2160 psi, 5 min: 1799 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 115 BTF (est 23% of load). SIFN w/est 1050 BWTR.  
DC: \$23,079 TWC: \$252,906

**7/11/98 PO: Trip production tbg. Swab well. (Day 8)**

Summary: 7/10/98 – CP: 0. TIH w/RH & tbg. Tag sd @ 4716'. CO sd to RBP @ 4806'. Release plug. Well flowing small stream, then increasing. Circ hole volume & watch well. (Lost no wtr, retuned 10 BO). Well dead. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5398'. CO sd to 5611' (376' rathole, 154 fill). Circ hole clean. Rec lg amt of gas w/some oil. Pull EOT to 5487'. SIFN w/est 1050 BWTR.  
DC: \$3,171 TWC: \$256,077

**7/12/98 PO: Run rods. (Day 9)**

Summary: 7/11/98 – RU & circ well for 1 hr. TOH w/tbg. TIH w/production string as follows: NC, 2 jts, SN, 3 jts, TA, 135 jts tbg. RU swab equipment. Made 22 swab runs. IFL @ sfc. FFL @ 2400'. Rec 305 BW & 14 BO (no sd). FSR @ 30 BPH. FOC @ 20%. SIFN. EOT @ 4354' w/SN @ 5290' & EOT @ 4197'.  
DC: \$2,625 TWC: \$258,702

**7/13/98 SD for Sunday.**

**7/14/98 PO: Well on production. (Day 10)**

Summary: 7/13/98 – TP: 100, CP: 150. Bleed gas & sm amt fluid off well – tries to flow. Rev circ hole w/100 BW. (Lost 55 BW, Rec 80 BO.) TIH w/production tbg f/4354'. String detail as follows: 2-7/8" NC, 2 jts tbg, SN, 3 jts tbg, 5-1/2" TA, 166 jts 2-7/8 8rd 6.5# M-50 tbg. ND BOP. Set TA @ 5152' w/SN @ 5248' & EOT @ 5312'. Land tbg w/10,000# tension. NU wellhead. PU & TIH w/"B" condition rod string as follows: Repaired 2-1/2" x 1-1/2" x 16' RHAC pmp, 8 – 1" scraped rods, 101 – 3/4" plain rods, 100 – 3/4" scraped rods, 2 – 6', 1 – 4', 1 – 2' x 3/4" pony rods, 1-1/2" x 22' polished rod. Seat pmp. RU pumping unit. (Tbg full) Press test pmp & tbg to 500 psi, stroke pmp w/unit to 900 psi. Good pmp action. RDMO. **PLACE WELL ON PRODUCTION @ 3:00 PM, 7/13/98 W/74" SL @ 10-1/2 SPM.** Est 800 BWTR.  
DC: \$107,542 TWC: \$366,244



## Daily Completion Report – Page Three

**S. WELLS DRAW 6-10-9-16**  
SE/NW Section 10, T09S R16E  
DUCHESNE Co., Utah  
API # 43-013-32041

Spud Date: 6/5/98  
MIRU Drl Rig: 6/9/98, Big A #46  
TD: 5850'  
POP: 7/13/98 @ 3:00 pm, w/74" SL @ 10-1/2 SPM

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>BWTR</u>	<u>Csg PSI</u>	<u>Remarks</u>
7/13/98				800		Rec'd F/Completion Prod. 19 hrs
7/14/98	310	0	0	800	0#	
7/15/98	-99	0	169	631	75#	
7/16/98	134	0	59	572	80#	
7/17/98	157	0	25	547	90#	
7/18/98	137	0	12	535	110#	
7/19/98	131	0	20	515	115#	
7/20/98	132	0	14	501	140#	
7/21/98	125	0	13	488	160#	
7/22/98	121	0	15	473	190#	
7/23/98	123	0	14	459	210#	
7/24/98	109	149	10	449	150#	
7/25/98	99	143	3	446	30#	
7/26/98	91	127	5	441	125#	
7/27/98	85	121	0	441	125#	
7/28/98	82	124	0	441	125#	
7/29/98	82	105	8	434	110#	
7/30/98	84	104	5	429	110#	
7/31/98	48	104	23	406	110#	
8/1/98	62	94	5	401	105#	
8/2/98	62	89	3	398	105#	
8/3/98	81	89	0	398	105#	
8/4/98	60	89	7	391	105#	
8/5/98	61	84	0	391	105#	
8/6/98	60	89	7	384	105#	
8/7/98	62	91	2	382	100#	

**FINAL REPORT**

IP: 80 BOPD, 116 MCFD, 3 BWPD (10 day ave, 7/98)

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4184'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' using 25 sx Class "G" cement.
4. Perforate @ 358' below surface casing shoe
5. Plug #3 Circulate 112 sxs Class "G" cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Spud Date: 6/5/98

Put on Production: 7/13/98

GL: 5666.9' KB: 5678.9' (12'KB)

## S. Wells Draw #6-10-9-16

Initial Production: 80 BOPD,  
116 MCFD, 3 BWPDSURFACE CASING

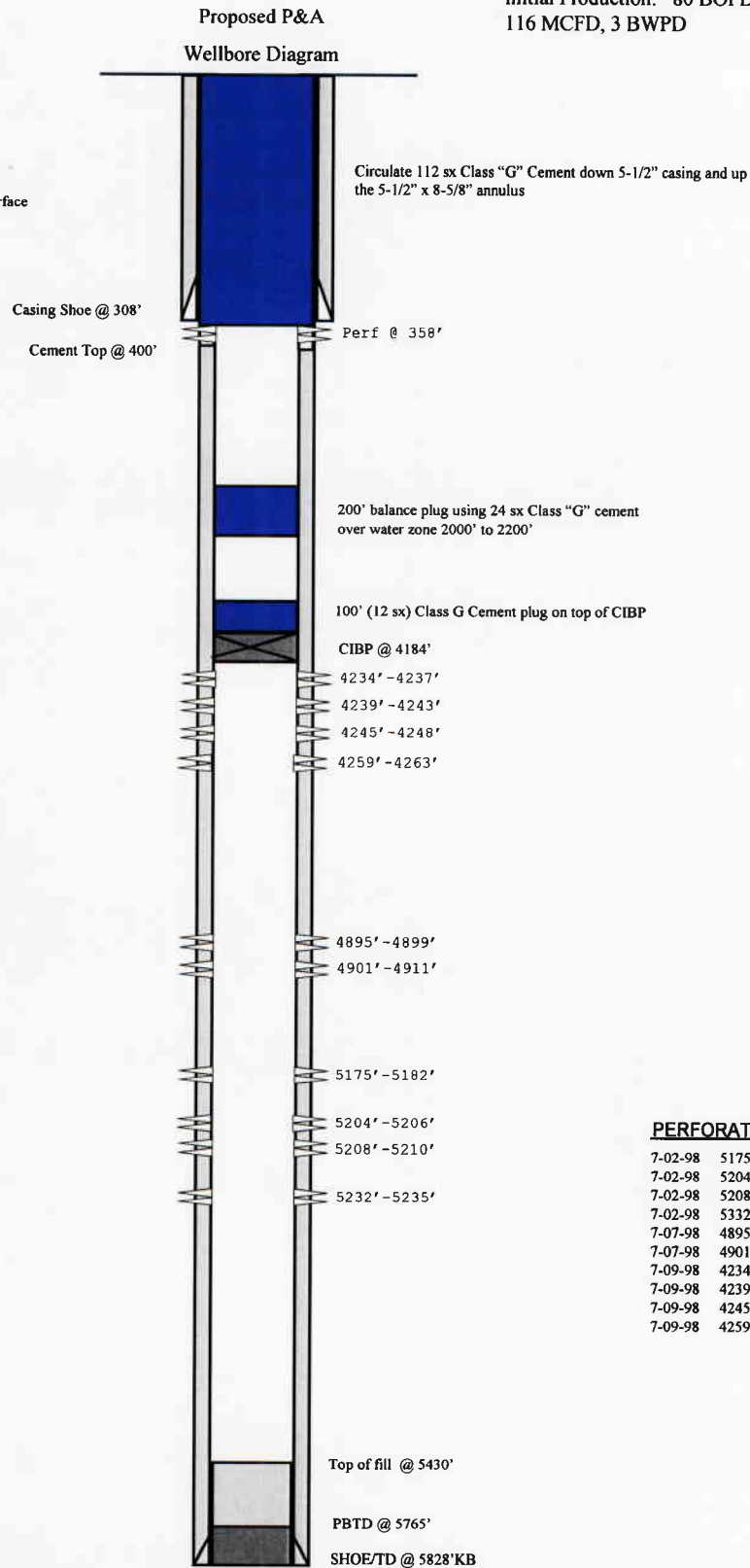
SIZE: 8 5/8" / J-55 / 24 #

LENGTH: 7 jts @ 297.86'

HOLE SIZE: 12 1/4"

DEPTH LANDED: 308'KB

CEMENT DATA: 120 sx Class G, est 4 bbls cmt to surface

PERFORATION RECORD

7-02-98	5175'-5182'	4 JSPF	28 holes
7-02-98	5204'-5206'	4 JSPF	8 holes
7-02-98	5208'-5210'	4 JSPF	8 holes
7-02-98	5332'-5335'	4 JSPF	12 holes
7-07-98	4895'-4899'	4 JSPF	16 holes
7-07-98	4901'-4911'	4 JSPF	40 holes
7-09-98	4234'-4237'	4 JSPF	12 holes
7-09-98	4239'-4243'	4 JSPF	16 holes
7-09-98	4245'-4248'	4 JSPF	12 holes
7-09-98	4259'-4263'	4 JSPF	16 holes



**S. Wells Draw #6-10-9-16**  
 1980 FNL & 1980 FWL  
 SENW Section 10-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32041; Lease #U-72107

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435 646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FNL 1980 FWL  
SENE Section 10 T9S R16E

5. Lease Serial No.

USA UTU-72107

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
S WELLS DRAW UNIT

8. Well Name and No.  
S WELLS DRAW 6-10-9-16

9. API Well No.  
4301332041

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Eric Sundberg  
Signature

Title

Regulatory Analyst

Date

03/17/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF  
NEWFIELD PRODUCTION COMPANY FOR  
ADMINISTRATIVE APPROVAL OF CERTAIN  
WELLS LOCATED IN SECTION 32 & 33,  
TOWNSHIP 8 SOUTH, RANGE 16 EAST;  
SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH,  
RANGE 16 EAST; DUCHESNE COUNTY,  
UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-352

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Wells Draw Unit:

State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East

Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East

South Monument Butte Unit:

Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East

Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East

South Wells Draw Unit:

South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East

South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East

South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East

Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East

West Point Unit:

Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East

Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East

Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East

West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

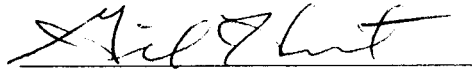
Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Gil Hunt", written over a horizontal line.

Gil Hunt  
Associate Director



**Newfield Production Company**

**STATE 24-32-8-16, FEDERAL 13-33B-8-16, MONUMENT BUTTE FEDERAL 4-1-9-16,  
MONUMENT BUTTE FEDERAL 6-1-9-16, SOUTH WELLS DRAW 14A-4-9-16, SOUTH WELLS  
DRAW 6-10-9-16, SOUTH WELLS DRAW 12-10-9-16, MONUMENT FEDERAL 33-10-9-16  
MONUMENT FEDERAL 31-6-9-16Y, MONUMENT FEDERAL 42-6-9-16Y, NINE MILE 10-7-9-16,  
WEST POINT FED 14-7-9-16.**

**Cause No. UIC-352**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Duchesne County Planning  
PO Box 910  
Duchesne, UT 84021

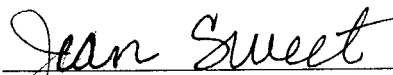
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via Email [ubs@ubstandard.com](mailto:ubs@ubstandard.com)  
and Facsimile (435) 722-4140

Bruce Suchomel  
US EPA Region VIII  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145  
via Email [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
and Facsimile (801) 237-2776

Newfield Production Company  
Rt 3 Box 3630  
Myton UT 84052

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
\_\_\_\_\_  
Jean Sweet  
Executive Secretary  
May 21, 2009

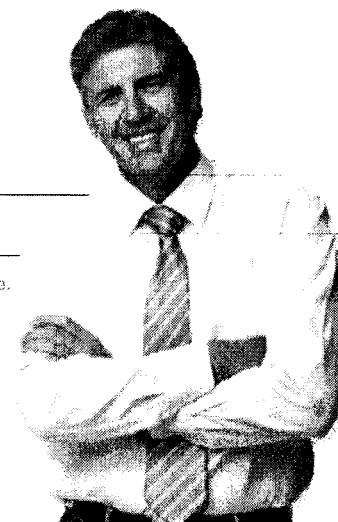
# UTAH LEGAL NOTICES

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## NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

[Newspaper Administration](#)

**Jean Sweet - Notice of Agency Action - Newfield Cause No. UIC 352**

---

**From:** Jean Sweet  
**To:** ubs@ubstandard.com  
**Date:** 5/21/2009 3:14 PM  
**Subject:** Notice of Agency Action - Newfield Cause No. UIC 352  
**Attachments:** 20090519 Newfield Notice of Agency Action UIC 352 UB Standard.doc

---

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov). Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

# TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:31 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:30 PM	14357224140	1' 15"	4	SEND	OK	490	

TOTAL : 1M 15S PAGES: 4



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

### UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 435-722-4140

ATTN: Legal Notices

COMPANY: Uintah Basin Standard

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

If you do not receive all of the pages, or if they are illegible, please call (801) 538-5340.  
We are sending from a sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES: Please DULISH... Thank You.



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

May 21, 2009

VIA E-MAIL [ubs@ubstandard.com](mailto:ubs@ubstandard.com)  
and FAX (435) 722-4140

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov). Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - RE: Notice of Agency Action - Newfield UIC 352**

---

**From:** "Linda Roberson" <lroberson@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 5/22/2009 2:23 PM  
**Subject:** RE: Notice of Agency Action - Newfield UIC 352

---

Ad 458653 / 5/26 / \$273.80

L. "Anna" Roberson (assisting L. Valdez)

naclegal@mediaoneutah.com

---

**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Thursday, May 21, 2009 3:15 PM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action - Newfield UIC 352

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov) . Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

**Jean Sweet - Notice of Agency Action - Newfield UIC 352**

---

**From:** Jean Sweet  
**To:** naclegal@mediaoneutah.com  
**Date:** 5/21/2009 3:15 PM  
**Subject:** Notice of Agency Action - Newfield UIC 352  
**Attachments:** 20090519 Newfield Notice of Agency Action UIC 352 SL Trib.doc

---

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov) . Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining  
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Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

# TRANSACTION REPORT

P. 01

MAY-21-2009 THU 03:30 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:27 PM	8012372776	2' 45"	4	SEND	OK	489	

TOTAL : 2M 45S PAGES: 4



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

### UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 801-237-2776

ATTN: Legal Notices

COMPANY: Salt Lake Tribune

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

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We are sending from a sharp facsimile machine. Our telecopier number is (801) 359-3940.

MESSAGES: Please publish. Thank you.





JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

May 21, 2009

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
and Fax (801) 237-2776

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov). Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



# UTAH LEGAL NOTICES

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NOTICE: We are currently in the process of migrating ALL of Utah's Finest newspapers over to this website.

Search:  All Newspapers  for

[Show / Hide Newspaper View](#)



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-352,8

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the Uintah Basin Standard May 26, 2009.

Newspaper Administration

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/27/2009

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000458653 /
SCHEDULE	
Start 05/26/2009	End 05/26/2009
CUST. REF. NO.	
20090519	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
80 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
273.80	

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AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF  
BEFORE THE DIVISION OF OIL, GAS AND MINI FOR DIV OF OIL-GAS &  
MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY  
CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE  
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY  
IN THE STATE OF UTAH.

Start 05/26/2009

End 05/26/2009

PUBLISHED ON

SIGNATURE

5/27/2009

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-352

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Wells Draw Unit:  
State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East  
Federal 13-338-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East  
South Monument Butte Unit:  
Monument Butte Federal 4-1-9-16 well located in NW/4, Section 1, Township 9 South, Range 16 East  
Monument Butte Federal 6-1-9-16 well located in SE/4, NW/4, Section 1, Township 9 South, Range 16 East  
South Wells Draw Unit:  
South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East  
South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East  
South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East  
Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East  
West Point Unit:  
Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East  
Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East  
Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East  
West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient in formation submitted by Newfield Production Company.

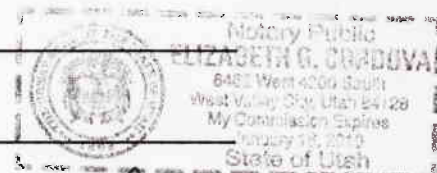
Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

Gil Hunt  
Associate Director  
498653

UPAXLF



Elizabeth G. Cardova



# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of May, 2009, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of May, 2009.

Publisher

Subscribed and sworn to before me this

28 day of May, 2009

Notary Public



COPY

## NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH  
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH; AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for

Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
/s/ Gil Hunt

Associate Director  
Published in the Uintah  
Basin Standard May 26,  
2009.

More Na

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on the basketball  
was a good dribbler,  
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**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** South Wells Draw 6-10-9-16

**Location:** 10/9S/16E      **API:** 43-013-32041

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the South Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the South Wells Draw Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 308 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,828 feet. A cement bond log demonstrates adequate bond in this well up to 3,784 feet. A 2 7/8 inch tubing with a packer will be set at 4,199. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 3 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 2200 feet. Injection shall be limited to the interval between 4022 feet and 5569 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-10-9-16 well is 0.95 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,133 psig. The requested maximum pressure is 2,133 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**South Wells Draw 6-10-9-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the South Wells Draw Unit on July 16, 2001. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 7/8/2009



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

July 13, 2009

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: South Wells Draw Unit Well: South Wells Draw 6-10-9-16, Section 10, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

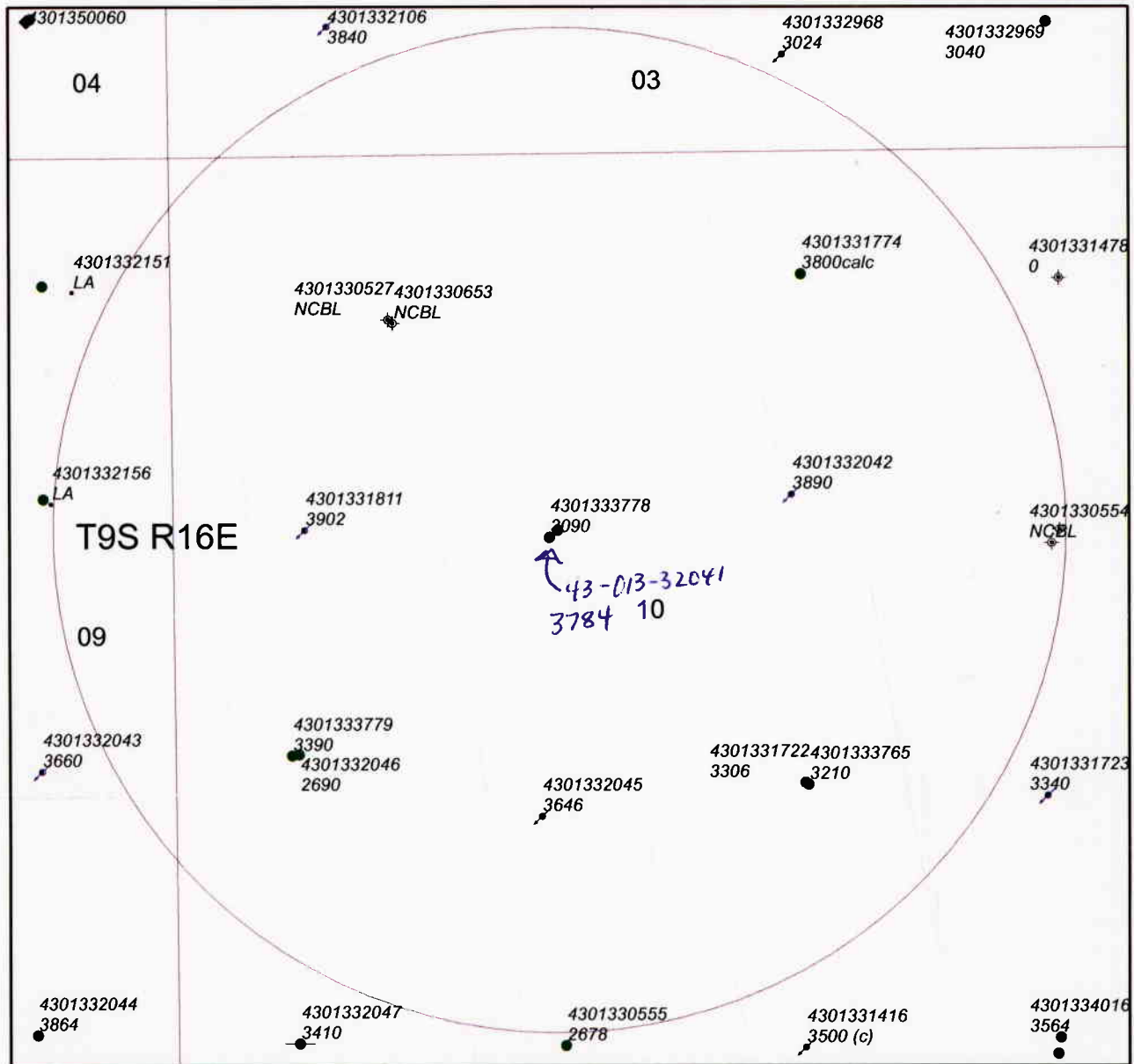
Sincerely,

Gil Hunt  
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File





# **SOUTH WELLS DRAW 6-10-9-16** **API #43-013-32041** **UIC-352.8**

## **Legend**

### **OGM Database View Events**

<all other values>

### **Status**

- APD - Approved Permit
- DRL - Spudded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned

- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

1870calc = approx cement top calculated from well completion report

0 0.2 Miles





STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

## INJECTION WELL - PRESSURE TEST

Well Name: <u>SWD 6-10 9-16</u>	API Number: <u>43-013-32041</u>
Qtr/Qtr: <u>SE 1/4 NW</u>	Section: <u>10</u>
Company Name: <u>NEWFIELD</u>	Township: <u>25</u> Range: <u>16E</u>
Lease: State <u>Utah</u> Fee <u>_____</u>	Federal <u>UTU-72107</u> Indian <u>_____</u>
Inspector: <u>[Signature]</u>	Date: <u>3-3-10</u>

## Initial Conditions:

Tubing - Rate: 0 Pressure: 225 psi  
 Casing/Tubing Annulus - Pressure: 1140 psi

## Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1140</u>	<u>225</u>
5	<u>1140</u>	<u>225</u>
10	<u>1140</u>	<u>225</u>
15	<u>1140</u>	<u>225</u>
20	<u>1140</u>	<u>225</u>
25	<u>1140</u>	<u>225</u>
30	<u>1140</u>	<u>225</u>

Results: Pass/Fail

## Conditions After Test:

Tubing Pressure: 225 psiCasing/Tubing Annulus Pressure: 1140 psiCOMMENTS: Tested after Completion to WWC @ 10:30 AM[Signature]

Operator Representative

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-72107

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1980 FNL 1980 FWL

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW, 10, T9S, R16E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

8. WELL NAME and NUMBER:  
S WELLS DRAW 6-10-9-16

9. API NUMBER:  
4301332041

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

COUNTY: DUCHESNE

STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  03/03/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/02/2010. On 03/01/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 03/01/2010. On 03/03/2010 the casing was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 225 psig during the test. There was a State representative available to witness the test. (Dennis Ingram)

API# 43-013-32041

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 03/05/2010

(This space for State use only)

**RECEIVED**  
**MAR 08 2010**  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator NEWFIELD PRODUCTION COMPANY	
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435 646 3721
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980 FNL 1980 FWL SENW Section 10 T9S R16E	

5. Lease Serial No. USA UTU-72107
6. If Indian, Allottee or Tribe Name.
7. If Unit or CA/Agreement, Name and/or GMBU
8. Well Name and No. S WELLS DRAW 6-10-9-16
9. API Well No. 4301332041
10. Field and Pool, or Exploratory Area MONUMENT BUTTE
11. County or Parish, State DUCHESNE, UT


**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/02/2010.  
On 03/01/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 03/01/2010. On 03/03/2010 the casing was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 225 psig during the test. There was a State representative available to witness the test. (Dennis Ingram)

API# 43-013-32041

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 03/05/2010
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	

Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Title Date
	Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**MAR 08 2010**

**DIV. OF OIL, GAS & MINING**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 3/3/10 Time 10:30 (am) pm  
Test Conducted by: Newfield Exploration  
Others Present: Ted Whitehead

Well: SOUTH Well's Draw 6-10-9-16

Field: MONUMENT BUTTE

Well Location: SE/NW Sec. 10, T9S, R16E

API No: 43-013-32041

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1140</u>	psig
5	<u>1140</u>	psig
10	<u>1140</u>	psig
15	<u>1140</u>	psig
20	<u>1140</u>	psig
25	<u>1140</u>	psig
30 min	<u>1140</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

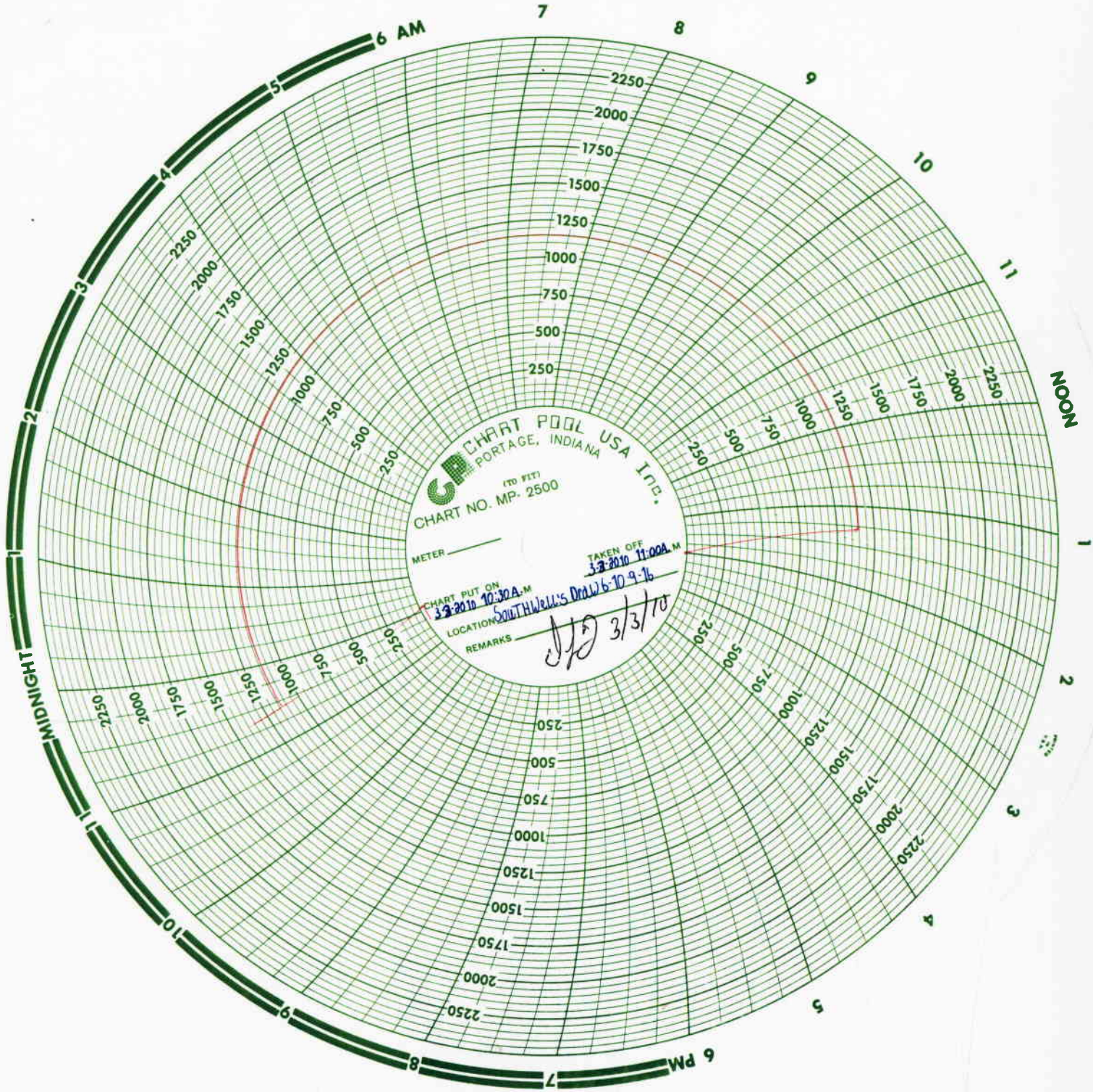
Tubing pressure: 225 psig

Result: Pass Fail

Signature of Witness:

Signature of Person Conducting Test:





**Daily Activity Report****Format For Sundry****S WLLS DRW 6-10-9-16****12/1/2009 To 4/28/2010****2/27/2010 Day: 1****Conversion**

Nabors #809 on 2/27/2010 - LD rod string (lack 650'). Release TA. Tbg is stuck. - MIRU Nabors rig #809. RU HO trk & pump 60 BW dn annulus @ 250°F (pressured up after 10 bbls). RD pumping unit & PU on rod string (did not see pump unseat). RU HO trk to tbg and flush rods W/ 40 BW @ 250°F (circulating @ 500 psi). Had to PU 2 extra rods to stack out rod string. Strip off flow-T & RU HO trk to tbg. Pumped 20 BW @ 500 psi. Retrieve rod string (no overpull). LD rod string. Pin stripped out on btm of rod #185--lacking 650' of string. ND wellhead & release TA @ 5170'. NU BOP. TOH W/ 18' of first jt and became stuck. Work tbg W/ tongs. Can't rotate or travel either direction. Stab valve & SIFN.

**Daily Cost: \$0****Cumulative Cost: \$26,175**

---

**3/1/2010 Day: 2****Conversion**

Nabors #809 on 3/1/2010 - Work tbg free. TOH & strip rods from well. - RU power swivel. Work stuck tbg string W/ torque. Tbg came free. Swivel out 2 jts--no drag or hangups. RD swivel. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Flushed tbg 2 times on TOH W/ 60 BW. Ended up stripping out remaining rods. LD remaining rods & BHA. No scale on rods or tbg--TA missing drag springs & had scarring down the side.

**Daily Cost: \$0****Cumulative Cost: \$33,825**

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**3/2/2010 Day: 3****Conversion**

Nabors #809 on 3/2/2010 - TIH W/ packer. Test tbg. Set & test packer. RDMOSU. - RU Vaughn Energy Services & run gyro survey. - MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 135 jts 2 7/8 8rd 6.5# M-50 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4199', CE @ 4203' & EOT @ 4207'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1400 psi. Bled air & re-pressured 3 times. Final test holds 1375 psi for 1 hour. RDMOSU. Well ready for MIT.

**Daily Cost: \$0****Cumulative Cost: \$57,431**

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**3/4/2010 Day: 4****Conversion**

Rigless on 3/4/2010 - Conversion Mit - On 3/1/10 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (South Wells Draw 6-10-9-16). Permission was given at that time to perform the test on 3/1/2010. On 3/3/2010 the csg was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 225 psig during the test. There was a

State representative available to witness the test. (Dennis Ingram) API # 43-013-32041

**Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$57,731

---

**Pertinent Files: Go to File List**



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-352

**Operator:** Newfield Production Company  
**Well:** South Wells Draw 6-10-9-16  
**Location:** Section 10, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32041  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on July 13, 2009.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,022' – 5,569')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: \_\_\_\_\_

Don Staley  
Acting Associate Director

6/23/2010  
Date

DTS/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Wells Draw





STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-72107

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: S WELLS DRAW 6-10-9-16
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FNL 1980 FWL OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW, 10, T9S, R16E		9. API NUMBER: 4301332041
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 07/08/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 10:30 AM on 07-08-2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 07/08/2010

(This space for State use only)

RECEIVED

JUL 12 2010

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980 FNL 1980 FWL

SENW Section 10 T9S R16E

5. Lease Serial No.

USA UTU-72107

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

S WELLS DRAW 6-10-9-16

9. API Well No.

4301332041

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Put on Injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 10:30 AM on 07-08-2010.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

07/08/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

## INJECTION WELL - PRESSURE TEST

Well Name: <u>SWD 6-10 9-16</u>	API Number: <u>43-013-32041</u>
Qtr/Qtr: <u>SE/NW</u> Section: <u>10</u>	Township: <u>25</u> Range: <u>16E</u>
Company Name: <u>NEWFIELD</u>	
Lease: State <u>Utah</u> Fee <u>0.10</u>	Federal <u>0.10</u> Indian <u>0.10</u>
Inspector: <u>Jim L. Anger</u>	Date: <u>3-3-10</u>

## Initial Conditions:

Tubing - Rate: 0 Pressure: 225 psi

Casing/Tubing Annulus - Pressure: 1140 psi

## Conditions During Test:


Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1140</u>	<u>225</u>
5	<u>1140</u>	<u>225</u>
10	<u>1140</u>	<u>225</u>
15	<u>1140</u>	<u>225</u>
20	<u>1140</u>	<u>225</u>
25	<u>1140</u>	<u>225</u>
30	<u>1140</u>	<u>225</u>

Results: Pass/Fail

## Conditions After Test:

Tubing Pressure: 225 psiCasing/Tubing Annulus Pressure: 1140 psi

## COMMENTS:

Tested after Conversion to WWC @ 10:30 Am
  
Operator Representative

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72107
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 6-10-9-16
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013320410000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 10 Township: 09.0S Range: 16.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>2/5/2015</b>  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:
	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 02/03/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 02/05/2015 the casing was pressured up to 1314 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1860 psig during the test. There was a State representative available to witness the test - Richard Powell.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 February 09, 2015

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 2/9/2015

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Richard Powell Date 2/5/15 Time 9:00 am pm

Test Conducted by: Britt Jensen

Others Present: \_\_\_\_\_

Well: S Wells Draw 6-109-16

Field: GMBU

Well Location: SE/NW Sec. 10, T9S, R16E API No: 43-03-32041

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1312</u>	psig
5	<u>1313</u>	psig
10	<u>1313</u>	psig
15	<u>1313</u>	psig
20	<u>1314</u>	psig
25	<u>1314</u>	psig
30 min	<u>1314</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1860 psig

Result:

Pass

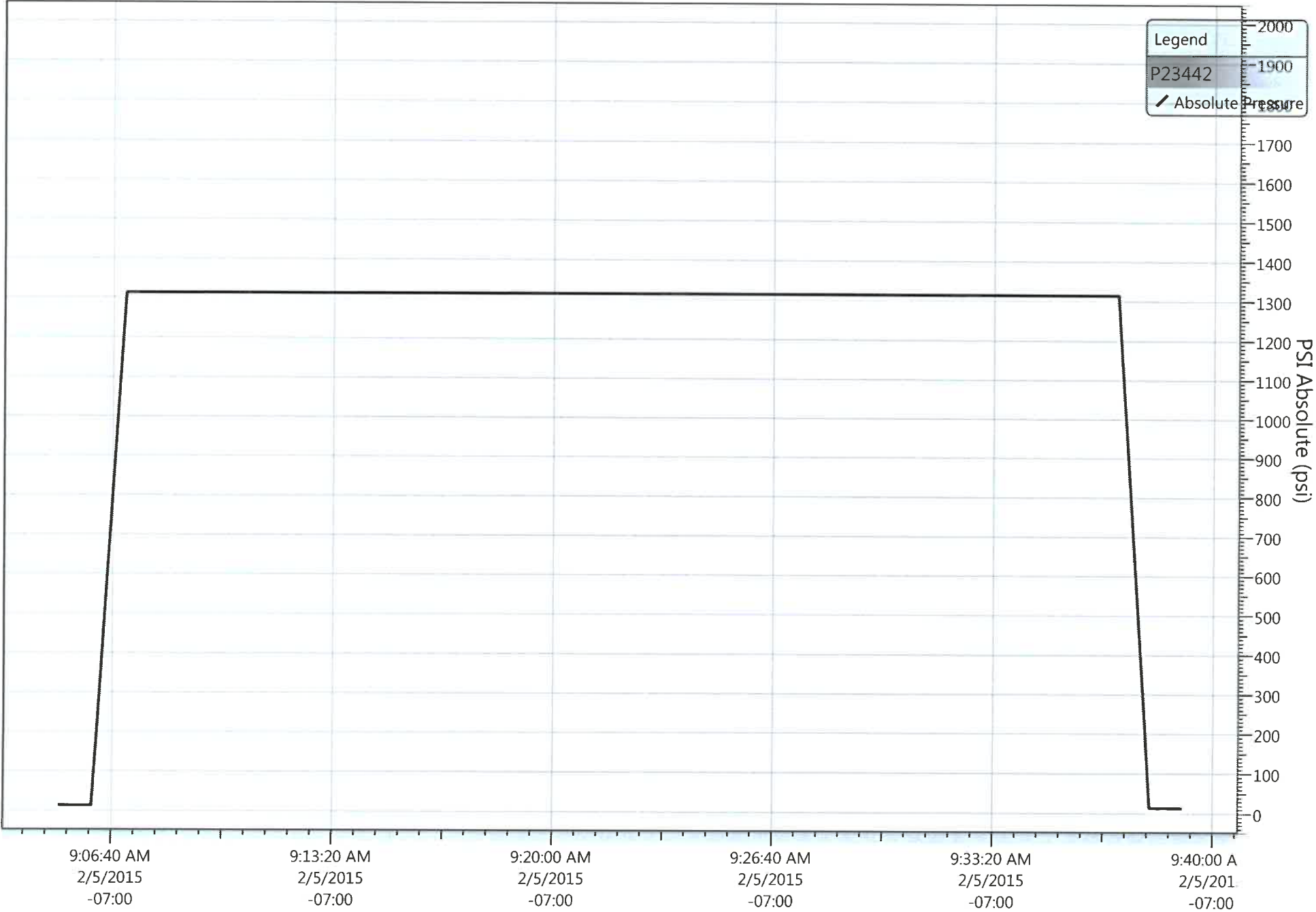
Fail

Signature of Witness:

Signature of Person Conducting Test:

S wells Draw 6-10-9-16

2/5/2015 9:02:46 AM



Spud Date: 6-5-98  
 Put on Production: 7-13-98  
 GI: 5666.9' KB: 5678.9' (12'KB)

## South Wells Draw 6-10-9-16

Initial Production: 80 BOPD,  
 116 MCFD, 3 BWPD

### SURFACE CASING

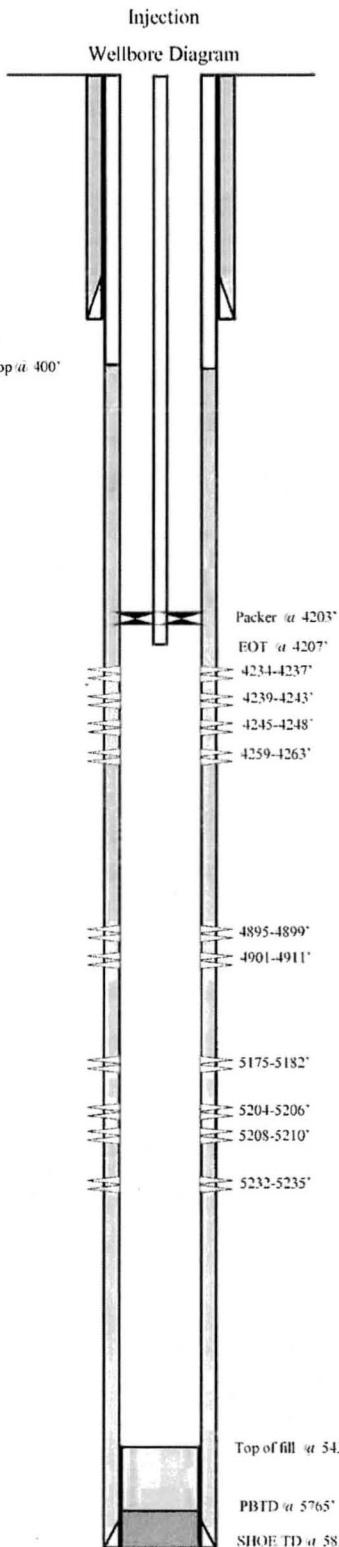
SIZE: 8 5/8" J-55 24 #  
 LENGTH: 7 jts @ 297.86'  
 HOLE SIZE: 12 1/4"  
 DEPTH LANDED: 308'KB  
 CEMENT DATA: 120 sx Class G, est 4 bbls cmt to surface

### PRODUCTION CASING

SIZE: 5 1/2" J-55 15.5 #  
 LENGTH: 135 jts @ 5816'  
 HOLE SIZE: 7 7/8"  
 DEPTH LANDED: 5828'KB  
 CEMENT DATA: 340 sx Premium Lite & 410 sx 50 50 Poz  
 CEMENT TOP AT: 400'

### TUBING RECORD

SIZE GRADE WT.: 2-7/8" M-50 6.5 #  
 NO. OF JOINTS: 135 jts (4186.8')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4198.8' KB  
 CE @ 4203.17'  
 TOTAL STRING LENGTH: EOT @ 4207'



### FRAC JOB

7-03-98 5175'-5335' **Frac A sand as follows:**  
 115,110# 20-40 sand in 560 bbls Viking.  
 Perfs broke @ 2150 psi. Treated w avg  
 press of 1975 psi w avg rate of 30 BPM.  
 ISIP-2725 psi, 5 min 2375 psi. Flowback  
 on 12 64" ck for 4 hrs & died.

7-08-98 4895'-4911' **Frac C sand as follows:**  
 107,835# 20-40 sand in 546 bbls Viking.  
 Perfs broke @ 1850psi. Treated w avg  
 press of 1870 psi w avg rate of 28.6 BPM.  
 ISIP-3250 psi, 5 min 2762 psi. Flowback  
 on 12 64" ck for 4-1 2 hrs & died.

7-10-98 4234'-4263' **Frac GB sand as follows:**  
 105,040# 20-40 sand in 510 bbls Viking.  
 Perfs broke @ 2900 psi. Treated w avg  
 press of 1750 psi w avg rate of 26 BPM.  
 ISIP-2160 psi, 5 min 1799 psi. Flowback  
 on 12 64" ck for 3-1 2 hrs & died.

1-23-02 **Tubing leak. Update rod and tbg details.**

8-5-04 **Tubing leak. Update rod and tbg details.**

03-02-10 **Convert to Injection well**  
 03-03-10 **MIT completed - updated tbg detail**

### PERFORATION RECORD

Date	Interval	Tool	Holes
7-02-98	5175-5182'	4 JSPF	28 holes
7-02-98	5204-5206'	4 JSPF	8 holes
7-02-98	5208-5210'	4 JSPF	8 holes
7-02-98	5332-5335'	4 JSPF	12 holes
7-07-98	4895-4899'	4 JSPF	16 holes
7-07-98	4901-4911'	4 JSPF	40 holes
7-09-98	4234-4237'	4 JSPF	12 holes
7-09-98	4239-4243'	4 JSPF	16 holes
7-09-98	4245-4248'	4 JSPF	12 holes
7-09-98	4259-4263'	4 JSPF	16 holes

**NEWFIELD**

South Wells Draw 6-10-9-16  
 1980' FNL & 1980' FWL (SE/NW)  
 Section 10, T9S, R16E  
 Duchesne Co, Utah  
 API #43-013-32041; Lease #UTU-72107